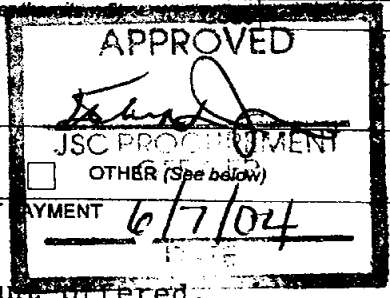


AWARD/CONTRACT		1. THIS CONTRACT IS RATED ORDER UNDER DPAS (15 CFR 350)		RATING DO-C9	PAGE OF 1 OF 340 PAGES
2. CONTRACT (Proc. Inst. Ident.) NO. NNJ04JA53C		3. EFFECTIVE DATE 8/1/04		4. REQUISITION/PURCHASE NO. 4200024127	
5. ISSUED BY NASA Lyndon B. Johnson Space Center Mail Code: BJ2/Institutional Procurement Office Houston, TX 77058		CODE BJ2	6. ADMINISTERED BY (If other than the Contracting Officer)		
7. NAME AND ADDRESS OF CONTRACTOR Muniz Engineering, Inc. 16903 Buccaneer Lane, Suite 200 Houston, TX 77058		8. DELIVERY <input type="checkbox"/> FOB ORIGIN <input type="checkbox"/> OTHER (See below)			
		9. DISCOUNT FOR PROMPT PAYMENT Offeror to fill in No discount offered.			
CODE OXBY6 FACILITY CODE		10. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)		ITEM 5	
11. SHIP TO/MARK FOR Transportation Officer, Building 421 NASA Johnson Space Center 2101 NASA Parkway Houston, TX 77058-3696 For reissue to: IA/Glenn Robinson Bldg. 45 Rm. 343		CODE	12. PAYMENT WILL BE MADE BY NASA Lyndon B. Johnson Space Center LF2/Financial Management (Payables) 2101 NASA Parkway Houston, TX 77058-3696		
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input type="checkbox"/> 10 USC 2304(c) () <input type="checkbox"/> 10 USC 253(c) ()		14. ACCOUNTING AND APPROPRIATION DATA 6100 2529 2520 72 FC300204 72ITIA 72-ITFVCS SFCX22004D			
15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
1	Offeror to performs services in accordance with the JSC Enabling Technology and Security (JETS) Statement of Work (SOW), Section C	1	Lot.	NTE \$14,000,000	NTE \$14,000,000
15G. TOTAL AMOUNT OF CONTRACT					NTE \$14,000,000

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E	INSPECTION AND ACCEPTANCE	E1	K	REPRESENTATIONS, CERTIFICATIONS AND	
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G	CONTRACT ADMINISTRATION DATA	G1-G12	L	INSTRS., CONDS., AND NOTICES TO OFFERORS	
H	SPECIAL CONTRACT REQUIREMENTS	H1-H7	M	EVALUATION FACTORS FOR AWARD	

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE



<input type="checkbox"/> 17. CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)		<input type="checkbox"/> 18. AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.	
19A. NAME OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN Stephanie Murphy, Director of		20A. NAME AND TITLE OF CONTRACTING OFFICER Jessica C. Miller, Contracting Officer	
19B. SIGNATURE  (Signature of person authorized to sign)		20B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
		20C. DATE SIGN 6/14/04	

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SECTION B**SUPPLIES OR SERVICES AND PRICES/COSTS****B.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATIONS (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
--------------------------	-------------	--------------

No FAR by reference in Section B

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No FAR by reference clause in Section B

III. FULL TEXT CLAUSES**B.2 SUPPLIES AND/OR SERVICES TO BE FURNISHED**

(a) The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to support the services to be provided in accordance with the Statement of Work in Section C. This contract is for JSC Enabling Technology and Security (JETS) for the Johnson Space Center (JSC) using cost reimbursable Indefinite Delivery/Indefinite Quantity (IDIQ) and firm fixed price, Indefinite Delivery/Indefinite Quantity (IDIQ) contracting methods. These methods provide for the acquisition of necessary labor, supplies, and other services of a recurring nature that cannot be sufficiently identified, predetermined, or qualified in advance. The contract also incorporates an award fee provision for the cost reimbursable work to be performed.

(b) The contractor is required to furnish all the services identified in the Statement of Work. These services shall be ordered in accordance with Federal Acquisition Regulation (FAR) clauses entitled "Ordering," "Order Limitations," and "Indefinite Quantity" found in Section I. The Government's obligation for the indefinite quantity is limited to that specified in Clause B.3.

(End of Clause)

B.3 IDIQ GUARANTEED MINIMUM QUANTITY OF WORK

(a) The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of cost-reimbursable task orders shall be \$83,000. The maximum value that can be ordered under the IDIQ provisions of this contract is \$23,000,000. This amount includes both cost and fee.

- (b) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost or fee.

(End of Clause)

The following contract clause B.4 is for all IDIQ/CPAF task orders.

B.4 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEPTEMBER 1993)

The estimated cost and fee for phase-in activities is \$0.

The estimated cost of IDIQ/CPAF services is \$24,831,717.71. The maximum available award fee, excluding base fee if any, is \$1,140,601.52. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$25,972,319.23.

B.5 CONTRACT VALUE

The total contract value is divided as follows. Award Fee is not applicable for the Phase-In period.

TOTAL CONTRACT VALUE \$ 26,030,805

(End of Clause)

The following contract clause B.6 is for all IDIQ/FFP task orders.

B.6 FIRM FIXED PRICE (NFS 1852.216-78) (DEC 1988)

The total firm fixed price of work contained in IDIQ/FFP portion of this contract is \$58,485.27.

(End of Clause)

B.7 CONTRACT FUNDING (NFS 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$17,837,363.10. This allotment covers the following estimated period of performance: August 1, 2004, through December 2, 2007.

(b) An additional amount of \$1,206,294.48 is obligated under this contract for payment of fee.

(End of Clause)

B.8 IDIQ TASK ORDER ESTIMATING - CPAF

These pre-established rates shall be used in establishment of the estimated cost of individual task orders. These rates are fully burdened, but without fee.

The parties agree that the fully burdened labor rates established below shall not be subject to any equitable adjustment (upwards or downwards), regardless of actual rates incurred during contract performance.

A. Fully Burdened Labor Rates

B. Travel

All travel shall be as approved by the Government prior to travel and will be allocated to the contract based on actual airfare and per diem rates per the most current official CONUS Per Diem Rates, located at www.dtic.mil/perdiem/pdrform.html. All requests for travel shall include the purpose and the rationale for the travel, such as why the purpose cannot be accomplished through a means other than travel (i.e., teleconferencing).

Costs relating to approved travel shall be allocated to individual task orders under this contract. Vouchers may be submitted upon completion of individual trips and shall be prepared and submitted in accordance with Clause G.8 entitled "Submission of Vouchers for Payment". The invoices shall include copies of receipts for airfare, lodging, car rental, and other expenses as required by the company policy. All costs for trips will be limited as follows:

1. Maximum allowable costs for lodging, meals and incidental expenses are limited to current Government-established per diem rates.
2. Maximum allowable cost for use of privately owned vehicles shall be restricted to the Federal Travel Regulations.
3. Allowable air travel expenses are limited to standard coach fare whenever it does not conflict with the ultimate purpose of the travel.
4. Allowable automobile rental cost is limited to compact cars.
5. Per diem paid on travel days are $\frac{3}{4}$ per diem. The time actually spent in travel is not considered.
6. No fee shall be applied to the costs of trips.

C. Materials, Equipment, Maintenance Agreements, and Other Non-labor Costs

As applicable, include separate cost estimates for materials and other miscellaneous non-labor costs that are required for performance of the task order. All non-labor costs that are proposed must be allowable and allocable in accordance with the FAR, NASA FAR Supplement, and any other applicable NASA procurement policy documents. The contractor shall include back-up information with their estimate that provides rationale for their proposed cost estimates for materials and other non-labor costs.

No fee shall be applied to the cost of materials, equipment, maintenance agreements, and other non-labor costs.

D. Award Fee

The maximum Award Fee for task orders issued under this contract shall not exceed **7.0** percent of the estimated cost of the task order, excluding travel, materials, equipment, maintenance agreements, and other non-labor costs.

(End of Clause)

B.9 IDIQ TASK ORDER ESTIMATING - FFP

These pre-established rates shall be used in establishment of the firm fixed price of individual task orders as follows. These rates are fully burdened, but without profit or labor escalation for non-exempt labor categories.

A. Fully Burdened Labor Rates

B. Travel, Materials, Equipment, Maintenance Agreements and Other Non-labor Firm Fixed Prices

As applicable, identify separately materials and other miscellaneous non-labor prices that are required for performance of the task order. All non-labor prices that are proposed shall include back-up information with their estimate that provides rationale for the proposed prices to all for a Government price analysis.

}

C. Profit

Task orders issued under this contract shall be calculated based on a profit rate not to exceed percent, excluding travel, materials, maintenance agreements and other non-labor costs.

(End of Clause)

[End of Section]

JSC Enabling Technology and Security (JETS)

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JSC Enabling Technology and Security (JETS)

1.0 Introduction and Objectives

This Statement of Work describes the requirements for providing Information Technology Services for the NASA Johnson Space Center (JSC). There are two main objectives associated with this contract:

- a. Provide lifecycle services for designated workstations and servers
- b. Provide network services and computer security services

2.0 Scope of Work

The Contractor shall be responsible for performing engineering tasks involving computer hardware and software. These engineering tasks include system administration, account management, data backup, and system performance monitoring, as well as the installation, configuration, operation and maintenance of all assigned software. The Contractor shall perform technical assessments, security testing, as well as develop and update JSC Information Technology Security Plans.

In performance of this contract, the Contractor shall comply fully with the most current versions of all documents in Attachment J-11, CIO Policies and Guidelines. The Contractor shall also provide technical consultation and implementation for Information Technology (IT) pathfinder projects as directed by Task Orders. The Contractor shall be the alternate facility manager of the Computer Systems Facility (Building 46). The Contractor shall perform administrative duties such as processing forms for acquisitions, shipping and receiving, and recording data into online databases. Upon issuance of Task Orders the Contractor shall be responsible for applicable system administration, property management, security systems, software and system hardware component maintenance for items listed in Attachments J-7 Government Equipment - Systems, J-8 Government Equipment - Software, and J-9 Government Equipment-Systems Components, and J-10 Installation Accountable Government Property of the contract. During the term of the contract, the contractor shall update government-provided databases and assume responsibility for all JETS items identified in the databases. The Contractor shall develop Associate Contractor Agreements (ACA) with the JSC Information and Multi Media Services (JIMMS) Contract, the Outsourcing Desktop Initiative for NASA (ODIN) or other contractors for tasks that may have joint responsibility. (H.8)

2.1 Products and Services

The Work Breakdown Structure (WBS) and the associated reference numbers outlined below describe at a high level the products and services required under this contract. These WBS numbers will be used on Contractor Task Orders as well as in contract planning, cost reporting, scheduling of activities and status reporting.

- 4.0 General Systems and Network Management
 - 4.1 Infrastructure Development
 - 4.1.1 Systems Infrastructure Development
 - 4.1.2 Storage Infrastructure Development
 - 4.2 Administration
 - 4.2.1 Systems Administration
 - 4.2.2 Storage Administration
 - 4.3 Sustaining Engineering
 - 4.3.1 Systems Sustaining Engineering
 - 4.3.2 Storage Sustaining Engineering
 - 4.3.3 Systems Problem Resolution
 - 4.3.4 Storage Problem Resolution
 - 4.3.5 Maintenance Agreements and License Renewal
 - 4.4 Network Performance Monitoring
- 5.0 Network and Security Services
 - 5.1 Network Security Monitoring
 - 5.2 Network Security Operations
 - 5.3 Firewall Operations
 - 5.4 Incident Response
 - 5.5 Public Key Infrastructure
- 6.0 Technical Assistance
 - 6.1 Data Entry
 - 6.2 Technical Services
 - 6.3 Meeting Services

2.2 Definitions

Server – a host computer on a network that holds information (e.g., Web sites, file shares) and responds to requests for information from it (e.g., links to another Web page). The term server also refers to an appliance that uses software that makes the act of serving information possible. The hardware can be a desktop augmented with server O/S, server-class hardware (e.g., redundant drives, network cards, power supplies, etc.) or a hardware appliance (little or no moving parts) with server O/S installed and doing something specific, such as firewall functions.

System Administrator - one who provides IT services, network services, files storage, web services, and other standard and usual IT services to someone else other than themselves and takes or assumes the responsibility for the security and administrative controls of that service or machine. A lead system administrator has responsibility for information technology security (ITS) for multiple computers or network devices represented within a system; ensuring all devices assigned to him are kept in a secure configuration (patched/mitigated); and ensuring that all other system administrators under his lead understand and perform ITS duties. An individual who has full access or administrative rights on a system or machine that is only servicing themselves does not constitute a "system administrator" since they are only providing or accepting responsibility for their system.

3.0 Contract Management and Administration

The contractor shall perform all the management functions, including technical and business management, necessary to plan, implement, track, report and deliver the required services described in the Statement of Work (SOW). The Contractor shall manage the full system life cycle for JETS systems, including design, acquisition, operations, and maintenance for current, modified, and new systems identified under this contract in accordance with the NASA approved Management Plan (DRD-01). In addition, to effectively manage the work the contractor shall:

- a. Provide status reports in accordance with the Contractor Status Report (DRD-07 Contractor Status Report).
- b. Provide Information Technology Security Plans and Reports as defined in DRD-14 (Information Technology System Security Plans and Reports).
- c. Create and maintain a Capital Planning and Investment Control process. (DRD-02 Capital Investment Planning).
- d. Create, modify, maintain, and report resource information in accordance with the Plan (DRD-04, Resource Management Plan; DRD-20, Supplemental Cost Report; and NASA Procedures and Guidelines (NPG) 9501.2D NASA Contractor Financial Management Report).
- e. Provide re-procurement data in accordance with DRD-16 (Re-procurement Data Package).
- f. Provide wage and salary data per DRD-09 (Wage/Salary and Fringe Benefit Data).
- g. Report system and equipment performance in accordance with the performance management plan required by DRD-11 (Performance Management and Capacity Plan).
- h. Perform configuration management for all systems in accordance with the Information Resources Directorate (IRD) Configuration Management Plan Document JSC 29173.

- i. Perform system development in accordance with the IRD Project Lifecycle Guidelines, provided in draft form in Attachment J-3.
- j. Provide Backup and Restore reporting in accordance with DRD-21 (Server Backup, Restore & Tape Usage Report)
- k. Provide ECF Accounting reporting in accordance with DRD-22 (Systems Accounting Data (ECF))

For all documents referenced in the JETS contract, the contractor shall adhere to the most current versions unless otherwise specified.

3.1 Safety, Health and Environmental Compliance

The Contractor shall ensure the protection of personnel, property, equipment, and the environment in all Contractor products generated and activities undertaken for institutional and space flight program objectives.

The Contractor shall comply with a NASA-approved safety, health and environmental compliance plan as specified in DRD-06 (Safety, Health and Environmental Compliance Plan). The Contractor shall develop and implement risk management techniques, including risk assessment, to be applied to hazards identified from analyses of activities and products (DRD-01 Management Plan). The purpose of these risk management techniques is to eliminate or control hazards as specified in NASA hazard reduction policies and requirements. The Contractor shall develop and maintain a lessons-learned database per DRD-12 (Safety, Reliability and Quality Assurance [SR&QA] Lessons Learned). Monthly safety and health metrics shall be provided per DRD-13 (Safety and Health Metrics). The Contractor shall also provide a hurricane/severe weather plan as specified in DRD-17 (Hurricane/Severe Weather/Emergency Plan) and conduct and safety and health self-evaluation per DRD-15 (Safety and Health Program Self Evaluation). The Contractor shall establish and maintain a Quality Management System (QMS) that complies with ANSI/ISO/ASQC Q9001-2000. Alternately, the Contractor's QMS need not be certified if the Contractor proposes to follow the JSC quality system in its entirety.

The Contractor shall perform safety walk-throughs, report safety issues, and address and resolve close calls, under floor alarms, and facility outages.

3.2 Quality

The contractor shall comply with its documented Quality Processes (DRD-08, Quality Processes - Procedures). JSC will review these documents to ensure they do not conflict with the JSC quality management system. The contractor shall submit and comply with the Government approved Quality Plan as required in DRD-05 (Quality Plan).

3.3 Records Management

NASA-owned, Contractor-held records, regardless of physical format and as identified in task orders, shall be managed by the Contractor in accordance with Title 36 of the Code of Federal Regulations, Chapter XIIB, Records Management and NASA Policy Directive (NPD) 1440.6, NASA Records Management Program. The Contractor shall maintain records appropriately and administer the disposition of records and non-records in accordance with NPG 1441.1, NASA Records Retention Schedules, which has been approved by the CO and the National Archives and Records Administration. The Contractor shall provide details concerning on-site personnel per DRD-10 (Reports, Onsite Contractor - Headcount).

3.4 Work Authorizations

The CO authorizes work via Task Orders. In addition to requirements identified in the SOW, Task Orders will specify requirements, indicate schedules and identify required quality levels.

3.5 Facility Management

The Contractor shall be the alternate facility manager of Building 46. This requires performing electrical management, initiating and tracking implementation of facility requests, performing safety inspections, and coordinating installation and removal of systems. While performing facility management functions, the contractor shall adhere to the Center Operations Directorate (COD) Facility Manager Handbook and the Roles of a Facility Manager located in Attachment J-3, Technical Library. For other facilities where the contractor has responsibility for equipment, but is not the facility manager, the contractor shall comply with safety and facility rules, restrictions and guidelines.

3.5.1 Facility Layout Drawings

The Contractor shall conduct weekly inspections of Building 46 to determine modifications to the layout of the facility. Modifications observed during the weekly inspections shall be compiled and documented in both the electronic and hard copy facility drawings. Facility Layout Drawings shall be provided and maintained by the contractor as specified in DRD-18 (Facility Layout Drawings).

3.5.2 Electrical Management

The Contractor shall perform installation of new circuits for computer systems as required to accomplish the work defined in the Task Orders. The Contractor shall coordinate and schedule higher voltage (480 volts and above) circuitry work with the JSC COD Facility Engineering Electrical Branch. Coordination and scheduling activities shall include initiating and tracking facility modification requests for electrical work. Prior to installation or removal of server systems or network devices, the Contractor shall perform power resource analysis to assure proper electrical power balancing across power distribution units, uninterruptible power supplies, and the overall grid system for building 46. The contractor shall also provide power distribution drawings per DRD JETS-18, Facility Layout Drawings. When requested by the COTR the Contractor shall perform and record preventive maintenance (PM) on power distribution units, power panels, alarm systems, as well as all security and safety lighting and cameras within the computer systems facility in Building 46.

Also when requested by the COTR, PM shall be performed as recommended by the equipment manufacturer or vendor." The documentation of PM shall be on a format chosen by the contractor and submitted electronically to the CO and COTR on a monthly basis in the contractor status report (DRD-07). The Contractor shall also inspect and coordinate PM for air handlers and Uninterruptible Power Supply (UPS) systems in Building 46.

3.5.3 Installation and Removal

The Contractor shall coordinate the installation and removal of systems and equipment. Removal shall include deletion of all sensitive data. Installation and removal activities require coordination with the COD Facility Engineering Electrical Branch, the property custodian and Organizational Computer Security Manager (OCSM). Coordination is also required with system administrators to assure compliance with the Server Operations Management Plan (SOMP), including NASA tagging of equipment and cables, logistics of delivery, placement, or removal of equipment. The Contractor shall coordinate and expedite all under floor work, including excess cable removal. In addition, the Contractor shall be responsible for initiating, tracking, and expediting facility work, including work performed by JETS, by COD or other parties.

3.6 Property Management

The contractor shall provide a Physical Inventory Plan (DRD-19) to describe the method of administering Government property. The contractor shall conduct inventories for the government property identified in Attachments J-8 and J-10. The contractor shall serve as property custodian for the Installation Accountable Government Property identified in Attachment J-10.

3.7 JETS Metrics

The Contractor shall calculate and report, metrics in accordance with DRD-03 (Metrics Reports). Prior to the beginning of the Government Fiscal Year (FY), the Contractor shall recommend for CO approval any changes to metrics to be tracked and reported during the upcoming FY. The government will evaluate the Contractor's performance in accordance with the following table:

Performance Standard	Baseline	Basic	Option 1	Option 2	Option 3
Systems Administrator Productivity	Minimum of 13 servers	Contractor to propose.	Contractor to propose. Contractor shall work to increase efficiencies during the course of contract performance.		
System Availability	Per J-7	Contractor to propose.	Contractor to propose. Contractor shall work to increase efficiencies during the course of contract performance.		
**Customer Satisfaction	Minimum score of 4 out of 5.	Minimum score of 4 out of 5.	Minimum score of 4 out of 5	Minimum score of 4 out of 5.	Minimum score of 4 out of 5.
License Renewals and Maintenance Agreements	100%on time	100% on time	100% on time	100% on time	100% on time

**Customer Satisfaction scores are as listed in DRD-03 (Metrics Report).

4.0 General Systems Management

The Systems Management functions shall be performed so that they do not disrupt system availability, with the exception of scheduled outages.

4.1 Infrastructure Development

Upon request, the Contractor shall provide infrastructure development support.

4.1.1 Systems Infrastructure Development

The government may request System or technology/infrastructure proposals or the Contractor shall assess the state of technology and the Center's requirements and infrastructure, and propose new or upgraded technology and service concepts for the Government's consideration. These proposed concepts may be driven by one or more of the following reasons:

- New customer requirements
- Upgrades to other systems that affect the primary systems' functional capabilities
- New product capabilities
- Complying with security or safety requirements
- Conforming to current standards and formats
- Reducing operating costs
- System enhancements to produce higher quality products
- System components become obsolete or non-repairable

Upon request, the Contractor shall provide system development support which may include the development and integration of software and hardware components in accordance with the JETS Project Lifecycle Guidelines in order to create a system that meets the government's requirements.

The Contractor shall perform integration analyses and make recommendations to the Government regarding technology selection and implementation alternatives to ensure the compatibility of developed systems with applicable JSC and NASA standards for software, IT security, and hardware,. The Contractor shall diagnose and resolve application connectivity issues, and perform loading assessments as required to identify potential performance bottlenecks to ensure specified functionality and availability.

4.1.2 Storage Infrastructure Development

The government may request Storage technology/infrastructure proposals or the Contractor shall assess the state of technology and the Center's requirements and infrastructure, and propose new or upgraded technology and service concepts for the Government's consideration. These proposed concepts may be driven by one or more of the following reasons:

- New customer requirements
- Upgrades that affect the primary storage functional capabilities
- New product capabilities
- Complying with security or safety requirements
- Conforming to current standards and formats

- Reducing operating costs
- Storage enhancements to produce higher quality products
- Storage hardware components become obsolete or non-repairable
- Storage software components become obsolete or un-supported

Upon request, the Contractor shall provide storage development support which may include the development and integration of software and hardware components in accordance with the JETS Project Lifecycle Guidelines in order to create a system that meets the government's requirements.

The Contractor shall perform integration analyses and make recommendations to the Government regarding technology selection and implementation alternatives to ensure the compatibility with applicable JSC and NASA standards for software, IT security, and hardware. The Contractor shall diagnose and resolve connectivity issues, and perform loading assessments as required to identify potential performance bottlenecks to ensure specified functionality and availability.

4.2 Administration

The Contractor shall operate and provide administration for systems, including centrally managed and allocated storage systems. This activity shall be performed for JETS systems identified in the Government provided IT Inventory Database. The system list is located in Attachment J-7 of the contract. During the term of the contract, the number and type of systems the Contractor shall support may change. The Contractor shall document these changes in the IT Inventory Database. The Contractor shall ensure additions and deletions are posted to the IT Inventory Database within 7 calendar days from the change.

4.2.1 Systems Administration

System administration includes functions such as identification (ID) administration, folder setup, data transmission among systems, monitoring, creation and deletion of network printer queues, system backups, virus scans, problem identification and resolution, and technology upgrades. All system administration processes and procedures shall adhere to NASA and JSC policies and procedures as outlined in the SOMP. The Contractor shall ensure that system administration services are provided within the guidelines specified in the SOMP.

The Contractor shall coordinate system administration schedules with the Government. In addition, the Contractor shall provide online system status for all systems managed under this contract. The Contractor shall provide full administrator or root level access to the Government or authorized contractors for all systems managed under this contract as approved by the CO.

In addition to any other requirements of this contract, all individuals who perform tasks as a system administrator or have authority to perform tasks normally performed by a system administrator shall be required to demonstrate knowledge appropriate for those tasks. This demonstration, referred to as the NASA System Administrator Security Certification, is a NASA funded two-tier assessment to verify that system administrators are able to:

- Demonstrate knowledge in system administration for the operating systems for which they have responsibility.
- Demonstrate knowledge in the understanding and application of Network and Internet Security.

Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The NASA Chief Information Officer (CIO) has established the criteria for this skills assessment. The objectives and procedures for this certification can be obtained by contacting the IT Security Awareness and Training Center at (216) 433-2063.

An individual who is only managing his own workstation is not required to obtain a System Administrator Certification.

System Administrators shall also comply with personnel security investigations requirements as specified in JPG 2810.1. The Contractor's system administrators shall acquire IT security training in accordance with the JSC Policy Directive (JPG) 2810.1, JSC IT Security Handbook.

4.2.2 Storage Administration

The Contractor shall be responsible for the administration and operation of IRD managed and allocated storage systems.

The individual components of Storage include such items as storage arrays, tape backup systems, virtual tape libraries, master backup servers, media servers, fiber channel switches, related cables, backup tapes, and the Storage management software as baselined in IRD Inventory database.

The Contractor shall be responsible for provisioning storage allocations. The Contractor shall coordinate storage activities with other Contractors as required. The Contractor shall be responsible for data migrations between storage allocations.

The Contractor shall manage zoning on Storage fabrics to maintain the network traffic isolation between Storage resources and their related end user systems.

In addition, the Contractor shall maintain the configuration-managed architecture diagram of the Storage, as well as the configuration-managed document listing the hardware model numbers and serial numbers of all Storage components. This also includes the installation procedures, applicable software license codes, reboot procedures, backup procedures, restore procedures, and the procedures to open maintenance trouble calls.

The Contractor shall follow the IRD Configuration Management (CM) Project Management process to make any approved changes to the baseline architecture. The Contractor shall submit a Change Request (CR) to reflect the changes.

The Contractor shall collect and report Storage performance data for trend analysis, provide on-line summaries, and submit reports to the Government.

The Contractor shall backup and restore the systems and servers as defined in the IRD Inventory database per the Server Operations Management Plan (SOMP), JSC 29638.

The Contractor shall adhere to the standard IRD practices and procedures as outlined in SOMP of the SOCCB.

The Contractor shall also be responsible for meeting the requirements of the I/T Security Plans, related to Storage.

The Contractor shall maintain a physical inventory of the backup tapes, cleaning cartridges, related cables, switches, and Host Bus Adapters (HBAs) for the Storage. The Contractor shall purchase materials as directed by the Government.

The Contractor shall coordinate storage support activities with the Government. The Contractor shall provide full administrator or root level access to the Government or authorized contractors for all storage managed under this contract as approved by the Contracting Officer (CO).

In addition to any other requirements of this contract, all individuals who perform tasks as Storage Administrator or have authority to perform tasks normally performed by a Storage Administrator shall be required to demonstrate knowledge appropriate for those tasks.

Storage Administrators shall also comply with personnel security investigations requirements as specified in JPG 2810.1. The Contractor's Storage Administrators shall acquire IT security training in accordance with the JSC Policy Directive (JPG) 2810.1, JSC IT Security Handbook.

4.3 Sustaining Engineering

The Contractor shall provide sustaining engineering for all systems managed under this contract in accordance with applicable NASA and JSC policies in Attachment J-11. For hardware systems and stand-alone equipment, sustaining engineering shall include preventive maintenance and repair, ordering of replacement parts and spares, and system software and firmware updates and patches in order to maintain acceptable availability metrics as specified in the IT Inventory Database. The Contractor shall coordinate outages with affected customers. Changes to all systems managed under this contract shall be documented in the IT Inventory Database and in accordance with the SOMP, unless exempted by the CO.

4.3.1 Systems Sustaining Engineering

The Contractor shall provide support for system software, patch, and firmware updates. The Contractor shall also be responsible for validating and implementing updates as they become available.

4.3.2 Storage Sustaining Engineering

The Contractor shall monitor the performance of the storage components. The Contractor shall provide support for backup/restore software, nearline software, storage management software,

and server utilization software. The Contractor shall also be responsible for implementing software updates as they become available.

4.3.3 Systems Problem Resolution

The Contractor shall perform and report problem resolution in accordance with JSC corrective action procedure System Level Procedure (SLP) 4.14. The Contractor shall track, resolve, and report on anomalies associated with systems, products, and services.

4.3.4 Storage Problem Resolution

The Contractor shall perform and report problem resolution in accordance with JSC corrective action procedure System Level Procedure (SLP) 4.14. The Contractor shall track, resolve, and report on anomalies associated with systems, products, and services.

4.3.5 Maintenance Agreements and License Renewal

The Contractor shall be responsible for hardware and software maintenance, including hardware warranty tracking and software license tracking and renewal, for the systems specified in this contract. The Contractor shall also negotiate and establish maintenance agreements and software license renewals with the vendors and report status of this activity per DRD-07 (Contractor Status Report). The Contractor shall submit a Maintenance Agreement and License Renew Plan for items listed in Attachments J-8 and J-9 per the Management Plan (DRD-01). This activity shall be performed for items identified in a government provided database. The list of hardware and software to be maintained is located in Attachments J-8 and J-9. Additional hardware and software may be added and deleted during the term of the contract. The Contractor shall ensure additions and deletions are posted to a government provided database within 7 calendar days from the change.

4.4 Network Performance Monitoring

The Contractor shall provide the capability to monitor JSC networks. Network monitoring tools shall be used to troubleshoot and provide performance and trend analysis for traffic shaping and network architecture definition.

5.0 Network and Security Services

Network and security services are important elements in the overall proper functioning of the JSC institutional networks. The contractor shall provide network monitoring, technical assessments and implementations of new security-related products, firewall operations (including operation of network-based remote access capabilities), security incident response, and support for the JSC Public Key Infrastructure.

5.1 Network Security Monitoring

The Contractor shall provide the capability to monitor JSC networks for network security. Network monitoring tools shall be used to troubleshoot, augment intrusion detection, and provide analysis.

5.2 Network Security Operations

The Contractor shall manage security related requests from various sources. The Contractor shall provide technical expertise to the Network Access Control Board (NACB) as required, implement approved firewall and networking solutions, network security capabilities, and respond to those requests for firewall and other IT security services by providing consultation and direct technical assistance to assist customers with the development of requirements for secure firewall and networking solutions.

The Contractor shall provide additional services including periodic technical assessments, security testing of computer systems, and updates for JSC Computer Security Plans.

The Contractor shall maintain and operate the Network Intrusion Detection System, including product administration, network traffic collection and analysis of network traffic.

5.3 Firewall Operations

The Contractor shall provide firewall rule set administration and perform configuration management of the JSC Firewall Systems per document JSC 29173, draft Appendix A. The Contractor shall provide analysis of system and firewall logs, and shall maintain and enhance the performance and functionality of the firewall.

5.4 Incident Response

The Contractor shall provide technical services for handling security-related incidents, including identifying network attacks (denial of service, viruses, worms, etc.), identifying and analyzing cases of misuse of IT resources, taking the steps necessary to secure JSC computing resources as required, and providing 24 hour on-call response to computer security incidents and notification of appropriate personnel. Response time shall be within 1 hour of notification to begin assessment of any Information Technology (IT) security incident. A response to one incident will suffice as a response for all incidents arising out of the same root cause. For example, if a computer virus affects 1,000 users at the Center, the Contractor would respond to the first notification of the incident, and all subsequent notifications would be filed under the same incident. The Contractor shall also provide analysis of security incidents relating to incorrectly configured systems and work with system owners to properly reconfigure these systems. The Contractor shall enter all security issues, problems, and resolutions in an IT Security Investigations database (J-3).

5.5 Public Key Infrastructure

The Contractor shall provide services on existing and emerging technologies as they relate to maintaining the technical capability of the NASA Public Key Infrastructure (PKI). The Contractor shall build and test PKI software installation packages for the supported PKI client software; analyze and diagnose problems, administer and operate JSC's PKI profile server system, develop, enhance, and maintain JSC PKI.

6.0 Technical Assistance

The Contractor shall provide data entry, technical and meeting services.

6.1 Data Entry

The Contractor shall provide data entry and verification services (e.g. data entry into government supplied formats, databases and systems).

6.2 Technical Services

The Contractor shall provide technical services (e.g. Organizational Computer Security Representative (OCSR) support, IT process support, IT planning and data support, and general IT support).

6.3 Meeting Services

The Contractor shall provide Meeting Services (e.g. electronic and paper distribution of meeting agendas and minutes, tracking action items, scheduling meetings, facilities and telecommunications services, and clearing meeting visitors).

[End of Section]

SECTION D

PACKAGING AND MARKING

D.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATIONS (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No FAR by-reference clauses in Section D

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No NFS by-reference clauses in Section D

III. FULL TEXT CLAUSES

D.2 PACKAGING, HANDLING AND TRANSPORTATION (NFS 1852.211-70) (JUNE 2000)

(a) The Contractor shall comply with NPG 6000.1E, "Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components", dated April 26, 1999, as may be supplemented by the statement of work or specifications of this contract, for all items designated as Class I, II, or III.

(b) The Contractor's packaging, handling, and transportation procedures may be used, in whole or in part, subject to the written approval of the Contracting Officer, provided (1) the Contractor's procedures are not in conflict with any requirements of this contract, and (2) the requirements of this contract shall take precedence in the event of any conflict with the Contractor's procedures.

(c) The Contractor must place the requirements of this clause in all subcontracts for items that will become components of deliverable Class I, II, or III items.

(End of clause)

[End of Section]

SECTION E

INSPECTION AND ACCEPTANCE

E.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

The following clause (52.246-5) applies to IDIQ/CPAF:

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.246-5	APR 1984	INSPECTION OF SERVICES - COST- REIMBURSEMENT

The following clause (52.246-4) applies to IDIQ/FFP:

52.246-4	AUG 1996	INSPECTION OF SERVICES - FIXED PRICE
52.246-16	APR 1984	RESPONSIBILITY FOR SUPPLIES

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.246-72	AUG 2003	MATERIAL INSPECTION AND RECEIVING REPORT

III. FULL TEXT CLAUSES

E.2 INSPECTION AND ACCEPTANCE (JSC 52.246-90) (JUN 1991)

Final inspection and acceptance shall be accomplished by the Contracting Officer or his/her duly authorized representative at NASA Lyndon B. Johnson Space Center.

(End of Clause)

E.3 QUALITY ASSURANCE SURVEILLANCE PLAN (JSC 52.246-93) (JULY 1996)

A Quality Assurance Surveillance Plan will be developed and implemented by the Contracting Officer's Technical Representative as a part of the contract administration and monitoring activities conducted to assure that the Government receives products and services that conform to contract requirements. The nature and extent of quality assurance surveillance contemplated in this plan will be based, in part, on the specific content of the contractor's Quality Plan as required in DRD-05.

(End of clause)

[End of Section]

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SECTION F**DELIVERIES OR PERFORMANCE****CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL****F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

The following clause (52.242-15) applies to IDIQ/CPAF
52.242-15 AUG 1989 STOP-WORK ORDER (ALTERNATE I) (APR 1984)

The following two clauses (52.242-15 & 52.242-17) applies to IDIQ/FFP
52.242-15 AUG 1989 STOP-WORK ORDER
52.242-17 APR 1984 GOVERNMENT DELAY OF WORK

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No NFS by-reference clauses in Section F.

III. FULL TEXT CLAUSES**F.2 COMPLETION OF WORK (JSC 52.211-95) (OCT 2001)**

All work required under this contract, including submission of all reports, shall be completed on or before November 30, 2007.

(End of clause)

F.3 PHASE-IN AND PHASE-OUT**(a.) Contractor Phase-In**

- (1) The services provided by this contract are vital to the Government's overall effort. Therefore, continuity of these services must be maintained at a consistently high level without disruption. To this end, the Contractor shall conduct an orderly phase-in of contract activities prior to assumption of responsibility for the effort described in the Statement of Work (SOW).
- (2) The Contractor shall have up to 30 calendar days immediately prior to the effective date of the contract in which to conduct phase-in. Office space will not be provided by the Government during the phase-in period. During this time, the Contractor shall not be

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responsible for performance of the effort described in the SOW. It is understood that during phase-in the predecessor contractor(s) will be performing work, which will be covered by the SOW of this contract after phase-in.

- (3) On the effective date of the contract, the Contractor shall assume full responsibility for the effort covered by the SOW.
- (4) During phase-in, the Contractor shall:
 - (i) participate in meetings with the predecessor contractor(s) to identify and discuss problems or areas requiring attention during the phase-in period; and
 - (ii) perform all activities described in the Contractor's phase-in plan submitted with its proposal, and all activities necessary, to ensure effective transfer of all effort from the predecessor contractor(s) and readiness to assume full contract performance. As a minimum, phase-in must include the following: all personnel must be trained and must meet contract requirements (certifications, permits, etc.); all Government Furnished Property must be inventoried; qualified staff must be available and ready to assume performance (and must have obtained security clearances (if required) and been badged by JSC, etc.).

(b.) Contractor Phase-Out

- (1) Prior to contract completion, a successor contractor(s) may be selected to perform the work requirements covered by the SOW. The Contractor shall conduct an orderly phase-out of contract activities prior to completion of this contract and assumption of responsibility for the effort described in the SOW by a successor contractor(s). The Contractor shall remain responsible for the effort covered by the SOW during phase-out activities.
- (2) Upon written notice by the Contracting Officer, the Contractor shall conduct phase-out activities for up to 60 calendar days prior to the contract completion date, including:
 - (i) Support periodic meetings with the successor contractor(s) to identify and discuss problems or areas requiring attention during the phase-out period; and
 - (ii) Negotiate in good faith a plan with the successor contractor(s) to determine the nature and extent of phase-in and phase-out activities required. The plan shall include effective transfer of all effort to the successor contractor(s); training of personnel; and any other agreements or steps necessary to ensure a smooth transition between the contracts. The plan shall be subject to the Contracting Officer's approval.

(End of clause)

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F.4 METHOD OF PLACING DELIVERY ORDERS (JSC 52.216-95) (SEPT 1998)

Delivery Orders may be placed only by the contracting officer. Delivery Orders will be in writing on JSC Form 1429 or orally, followed by written confirmation. Delivery Orders will be numbered "1," second will be number "2", and each succeeding Delivery Order will be numbered consecutively.

Each Delivery Order placed against this contract shall consist of the following information: (A) delivery order number and contract number; (B) place of delivery or performance (including consignee); (C) item/items ordered, including quantity, unit price, and amount of each; (D) date of order, and required delivery date; (E) name of person placing order; (F) funding and appropriation data; (G) Procurement placement code; (H) total amount; (I) signature of the contracting officer.

Amendments to orders may be issued in the same manner as original orders. Each order or amended order shall contain a citation of funds from which payment for the supplies or services ordered shall be made.

(End of clause)

F.5 OPTION TO EXTEND COMPLETION DATE (JSC 52.217-90) (OCT 1996)

The Government may require the contractor to continue to perform services under this contract. The contracting officer may exercise this option by issuance of a unilateral contract modification 30 days or more before the completion date set forth in F.2 Completion of Work. Should the option be exercised, the resultant contract will include all terms and conditions of the basic contract as it exists immediately prior to the exercise of the option, except for the following changes:

OPTION 1 (September 1, 2006 – November 30, 2007)

B.3 (a) The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of cost-reimbursable task orders and firm fixed price task order shall be increased by \$33,000 for Option 1 to a total of \$83,000. The maximum value that can be ordered under the IDIQ provisions of this contract shall be increased by \$9,000,000 to \$23,000,000.

B.8. For option period 1, September 1, 2006 – November 30, 2007 the rates included in "IDIQ TASK ORDER ESTIMATING - CPAF" shall be used to establish the estimated cost of individual task orders issued during that period.

B.9. For option period 1, September 1, 2006 – November 30, 2007 the rates included in "IDIQ TASK ORDER PRICING – FFP" shall be used to establish the estimated cost of individual task orders issued during that period.

F.2 entitled "COMPLETION OF WORK" shall be modified to extend the completion date of the contract to November 30, 2007.

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I.3 entitled "**ORDERING**", paragraph (a) shall be modified to read, "such orders may be issued from September 1, 2006 – November 30, 2007".

I.5 The last sentence of the clause entitled "Indefinite Quantity" shall be modified to read, "The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after November 30, 2007."

OPTION 2 (December 1, 2007 – November 30, 2008)

B.3 (a) The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of cost-reimbursable task orders and firm fixed price task orders shall be increased by \$25,000 for Option 2 to a total of \$108,000. The maximum value that can be ordered under the IDIQ provisions of this contract shall be increased by \$7,000,000 to \$30,000,000.

B.8. For option period 2, December 1, 2007 – November 30, 2008 the rates included in "**IDIQ TASK ORDER ESTIMATING - CPAF**" shall be used to establish the estimated cost of individual task orders issued during that period.

B.9. For option period 2, December 1, 2007 – November 30, 2008 the rates included in "**IDIQ TASK ORDER PRICING – FFP**" shall be used to establish the estimated cost of individual task orders issued during that period.

F.2 entitled "**COMPLETION OF WORK**" shall be modified to extend the completion date of the contract to November 30, 2008.

I.3 entitled "**ORDERING**", paragraph (a) shall be modified to read, "such orders may be issued from December 1, 2007 – November 30, 2008".

I.5 The last sentence of the clause entitled "Indefinite Quantity" shall be modified to read, "The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after November 30, 2008."

OPTION 3 (December 1, 2008 – August 31, 2009)

B.3 (a) The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of cost-reimbursable task orders and firm fixed price task orders shall be increased by \$17,000 for Option 3 to a total of \$125,000 for the option period. The maximum value that can be ordered under the IDIQ provisions of this contract for the option period shall be increased by \$5,000,000 to \$35,000,000.

B.8. For option period 3, December 1, 2008 – August 31, 2009 the rates included in "**IDIQ TASK ORDER ESTIMATING**" shall be used to establish the estimated cost of individual task orders issued during that period.

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B.9. For option period 3, December 1, 2008 – August 31, 2009 the rates included in **"IDIQ TASK ORDER PRICING – FFP"** shall be used to establish the estimated cost of individual task orders issued during that period.

F.2 entitled **"COMPLETION OF WORK"** shall be modified to extend the completion date of the contract to August 31, 2009.

I.3 entitled **"ORDERING"**, paragraph (a) shall be modified to read, "such orders may be issued from December 1, 2008 – August 31, 2009".

I.5 The last sentence of the clause entitled "Indefinite Quantity" shall be modified to read "The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after August 31, 2009."

(End of clause)

F.6 **PLACE OF PERFORMANCE**

The primary effort required under this contract shall be performed at or near the Lyndon B. Johnson Space Center (JSC) and at other locations as covered by the Statement of Work.

(End of clause)

F.7 **SHIPPING INSTRUCTIONS (JSC 52.247-94) (APR 1997)**

All documentation shall be shipped to the following address:

Parcel Post Shipments and Freight Shipments
Ship to: Transportation Officer, Building 421
NASA Johnson Space Center
2101 NASA Parkway
Houston, TX 77058-3696
Mark for: Accountable Property Officer
Mark with: Contract Number: NNJ04JA53C

For reissue to: IC/Steven Guy Bldg. 45 Rm. 302B

(End of clause)

F.8 **BILLS OF LADING (NASA 1852.247-73) (JUN 2002)**

The purpose of this clause is to define when a commercial bill of lading or a government bill of lading is to be used when shipments of deliverable items under this contract are f.o.b. origin.

(a) **Commercial Bills of Lading.** All domestic shipments shall be made via commercial bills of lading (CBLs). The Contractor shall prepay domestic transportation charges. The Government shall reimburse the Contractor for these charges if they are added to the invoice as a separate line item supported by the paid freight receipts. If paid receipts in support of the

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invoice are not obtainable, a statement as described below must be completed, signed by an authorized company representative, and attached to the invoice.

"I certify that the shipments identified below have been made, transportation charges have been paid by (company name), and paid freight or comparable receipts are not obtainable.

Contract or Order Number: NNJ04JA53C

Destination: _____.

(b) Government Bills of Lading.

(1) International (export) and domestic overseas shipments of items deliverable under this contract shall be made by Government bills of lading (GBLs). As used in this clause, "domestic overseas" means non-continental United States, i.e. Hawaii, Commonwealth of Puerto Rico, and possessions of the United States.

(2) At least 15 days before shipment, the Contractor shall request in writing GBLs from: Cynthia Ratliff, Transportation Management, Attn: Mail Code JB9, 2101 NASA Road, Houston, TX 77058. If time is limited, requests may be by telephone: 281-483-3208. Requests for GBLs shall include the

- (i) Item identification/ description.
- (ii) Origin and destination.
- (iii) Individual and total weights.
- (iv) Dimensional Weight.
- (v) Dimensions and total cubic footage.
- (vi) Total number of pieces.
- (vii) Total dollar value.
- (viii) Other pertinent data.

(End of clause)

[End of Section]

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SECTION G**CONTRACT ADMINISTRATION DATA****CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL****G.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No FAR by-reference clauses in Section G

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.223-71	DEC 1988	FREQUENCY AUTHORIZATION
1852.227-86	DEC 1987	COMMERCIAL COMPUTER SOFTWARE- LICENSING
1852.245-70	JUL 1997	CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT

The following clause (1852.242.73) applies to IDIQ/CPAF

1852.242-73	JUL 2000	NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
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III. FULL TEXT CLAUSES**G.2 SECURITY/BADGING REQUIREMENTS FOR FOREIGN NATIONAL VISITORS AND EMPLOYEES/REPRESENTATIVES OF FOREIGN CONTRACTORS (JSC 52.204-91) (MAR 2002)**

(a) An employee of a domestic Johnson Space Center (JSC) contractor or its subcontractor who is not a U.S. citizen (foreign national) may not be admitted to the JSC site for purposes of performing work without special arrangements. In addition, all employees or representatives of a foreign JSC contractor/subcontractor may not be admitted to the JSC site without special arrangements. For employees as described above, advance notice must be given to the Security Office of the host installation [JSC or White Sands Test Facility (WSTF)] at least 3 weeks prior to the scheduled need for access to the site so that instructions on obtaining access may be provided.

(b) All visit/badge requests for persons described in (a) above must be entered in the NASA Request for Request (RFR) and Foreign National Management System (NFMMS) for acceptance, review,

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concurrence and approval purposes. When an authorized company official requests a JSC or WSTF badge for site access, he/she is certifying that steps have been taken to ensure that its contractor or subcontractor employees, visitors, or representatives will not be given access to export-controlled or classified information for which they are not authorized. The authorized company officials shall serve as the contractor's representative(s) in certifying that all visit/badge request forms are processed in accordance with JSC and WSTF security and export control procedures. No foreign national, representative, or resident alien contractor/subcontractor employee shall be granted access into JSC or WSTF until a completed RFR has been approved and processed through the NFNMS. Unescorted access will not be granted unless a favorable National Agency Check (NAC) has been completed by the JSC Security Office.

- (c) The contractor agrees that it will not employ for the performance of work onsite at the JSC or WSTF any individuals who are not legally authorized to work in the United States. If the JSC or WSTF Industrial Security Specialist or the contracting officer has reason to believe that any employee of the contractor may not be legally authorized to work in the United States and/or on the contract, the contractor may be required to furnish copies of Form I-9 (Employment Eligibility Verification), U.S. Department of Labor Application for Alien Employment Certification, and any other type of employment authorization document.

The contractor agrees to provide the information requested by the JSC or WSTF Security Office in order to comply with NASA policy directives and guidelines related to foreign visits to NASA facilities so that (1) the visitor/employee/ representative may be allowed access to JSC or other NASA Centers for performance of this contract, (2) required investigations can be conducted, and (3) required annual or revalidation reports can be submitted to NASA Headquarters. All requested information must be submitted in a timely manner in accordance with instructions provided by JSC or any other Center to be visited.

(End of clause)

G.3 JSC HAZARDOUS MATERIALS USE (JSC 52.223-92) (DEC 1999)

- (a) This clause is JSC-unique, and the requirements are in addition to any U.S. Environmental Protection Agency, U.S. Occupational Safety and Health Administration, or other state or Federal regulation or statute. Therefore, the following requirements do NOT supercede any statutory or regulatory requirements for any entity subject to this clause.
- (b) "Hazardous materials," for the purposes of this clause, consist of the following:
- (1) Those materials defined as "highly hazardous chemicals" in Occupational Safety and Health Administration Process Safety Management Regulation, 29 Code of Federal Regulation 1010.119, without regard for quantity.
 - (2) Those "extremely hazardous substances" subject to the emergency planning requirements in the Environmental Protection Agency Emergency Planning and Community Right-to-Know Regulation, 40 Code of Federal Regulation 355, Part 355, without regard for quantity.
 - (3) Those "hazardous substances" subject to the release notification requirements under Environmental Protection Agency's Emergency Planning and Community Right-to-Know Regulation, 40 Code of Federal Regulation 302.4, without regard for quantity.
 - (4) Any radioisotope material or device that produces ionizing radiation.
 - (5) Any Class II, III, or IV laser as defined by the American National Standards Institute No. Z136.1 (1986).
 - (6) Any explosive or any pyrotechnics.

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- (7) Any pesticide.
- (c) The contractor shall develop and maintain an inventory listing the identity and quantity of hazardous materials stored or used onsite at JSC for the performance of the contract.
- (d) The contractor shall ensure that the proper training of its employees in the use and inherent hazards of these materials is accomplished prior to use.
- (e) The contractor shall notify the JSC Occupational Health and Test Support Office (SD13) prior to any initial use or different application of these materials.
- (f) The contractor shall use all hazardous materials properly and take all necessary precautions to ensure no harm is done to humans or the environment.
- (g) The contractor shall insert the substance of this clause, including this Paragraph F with appropriate changes of designations of the parties, in subcontracts under which hazardous materials will be utilized, or may reasonably be expected to be utilized, onsite at JSC.
- (h) In the event the contractor fails or refuses to comply with any aspect of this clause, such failure or refusal may be considered a material breach of this contract.

(End of Clause)

G.4 IDENTIFICATION OF EMPLOYEES (JSC 52.242-92) (MAR 2002)

At all times while on Government property, the contractor, subcontractors, their employees and agents shall wear badges which will be issued by the NASA Badging & Visitor Control Office, located in Building 110 at the Johnson Space Center (JSC), or at the Main Gate at the White Sands Test Facility (WSTF). JSC employee badges will be issued only between the hours of 7:30 a.m. to 4 p.m., Monday through Thursday, and 7:30 am to 12:00 pm on Friday. JSC visitor badges will be issued between the hours of 6 a.m. to 10 p.m., 7 days a week. WSTF employee badges will be issued only between the hours of 8 a.m. to 2 p.m., Monday through Friday. WSTF visitor badges will be issued on a 7-day a week, 24-hour a day basis. Resident aliens and foreign nationals/representatives shall be issued green foreign national badges.

Each individual who wears a badge shall be required to sign personally for the badge. The contractor shall be held accountable for issued badges and all other related items and must assure that they are returned to the NASA Badging & Visitor Control Offices upon completion of work under the contract in accordance with Security Management Directive (SMD) 500-15, "Security Termination Procedures." Failure to comply with the NASA contractor termination procedures upon completion of the work (e.g., return of badges, decals, keys, Controlled Access Area cards, clearance terminations, JSC Public Key Infrastructure (PKI)/special program deletions, etc.) may result in final payment being delayed.

(End of clause)

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G.5 REPAIR OF GOVERNMENT PROPERTY (JSC 52.245-91) (JUN 1986)

When removal of Government-owned property from its place of use for repair is necessary, the Contractor must prepare a JSC Form 1318 prior to removing the equipment. The form and instructions regarding its use are available from the Equipment Management Section, Building 419. The repaired Government property is to be returned to the location from which it was removed unless otherwise directed by the Government.

(End of Clause)

G.6 AWARD FEE FOR SERVICE CONTRACTS (NFS 1852.216-76) (JUN 2000)

- (a) The contractor can earn award fee from a minimum of zero dollars to the maximum stated in NASA FAR Supplement clause 1852.216-85, "Estimated Cost and Award Fee" in this contract.
- (b) Beginning 6 months after the effective date of this contract, the Government shall evaluate the Contractor's performance every 6 months to determine the amount of award fee earned by the contractor during the period. The Contractor may submit a self-evaluation of performance for each evaluation period under consideration. These self-evaluations will be considered by the Government in its evaluation. The Government's Fee Determination Official (FDO) will determine the award fee amounts based on the Contractor's performance in accordance with Attachment J-1, Award Fee Evaluation Plan. The plan may be revised unilaterally by the Government prior to the beginning of any rating period to redirect emphasis.
- (c) The Government will advise the Contractor in writing of the evaluation results. The JSC Financial Management Division will make payment based on issuance of unilateral modification by the contracting officer.
- (d) After 85 percent of the potential award fee has been paid, the Contracting Officer may direct the withholding of further payment of award fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total potential award fee.
- (e) The amount of award fee which can be awarded in each evaluation period is limited to the amounts set forth in Attachment J-1. Award fee which is not earned in an evaluation period cannot be reallocated to future evaluation periods.
- (f)
 - (1) Provisional award fee payments **will** be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a **monthly** basis. The total amount of award fee available in an evaluation period that will be provisionally paid is the lesser of 80 percent or the prior period's evaluation score.
 - (2) Provisional award fee payments will be superseded by the final award fee evaluation for that period. If provisional payments exceed the final evaluation score, the Contractor will either credit the next payment voucher for the amount of such overpayment or refund the difference to the Government, as directed by the Contracting Officer.
 - (3) If the Contracting Officer determines that the Contractor will not achieve a level of performance commensurate with the provisional rate, payment of provisional award fee will be discontinued or reduced in such amounts as the Contracting Officer deems appropriate. The Contracting Officer will notify the Contractor in writing if it is determined that such discontinuance or reduction is appropriate.

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- (4) Provisional award fee payments **will not** be made prior to the first award fee determination by the Government.

(g) Award fee determinations are unilateral decisions made solely at the discretion of the Government.

(End of Clause)

G.7 SUBMISSION OF INVOICES (JSC 52.232-90) (OCT 1993)

Invoices shall be prepared and submitted in quadruplicate unless otherwise specified. Invoices shall contain the following information as applicable: contract and order number, item numbers, description of supplies or services, sizes, quantities, unit prices, and extended totals. Invoices shall be submitted to:

NASA Johnson Space Center
Attn: Rosalie Carpentier
Mail Code: BJ2
2101 NASA Parkway
Houston, Texas 77058-3696

In the event that amounts are withheld from payment in accordance with the New Technology Clause or other provisions of this contract, a separate invoice for the amount withheld will be required before payment for the amount may be made.

(End of Clause)

G.8 SUBMISSION OF VOUCHERS FOR PAYMENT (NFS 1852.216-87) (MAR 1998)

(a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated below. Public vouchers for payment of costs shall include a reference to the number of this contract.

(b) (1) If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

NASA Lyndon B. Johnson Space Center
LF2/Financial Management (Payables)
2101 NASA Parkway
Houston, TX 77058-3696

(2) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(3) Copies of vouchers should be submitted as directed by the Contracting Officer.

(c) If the contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the contractor shall prepare and submit vouchers as follows:

(1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to: [Offeror Insert: DCAA Mailing Office, 8876 Gulf Freeway, #500, Houston, TX 77017-6544]

(2) Five copies of SF 1034, SF 1035A, or equivalent Contractor's attachment to the following

offices by insertion in the memorandum block of their names and addresses:

- (i) Copy 1 NASA Contracting Officer
- (ii) Copy 2 Auditor
- (iii) Copy 3 Contractor
- (iv) Copy 4 Contract administration office; and
- (v) Copy 5 Project management office.

(3) The Contracting Officer may designate other recipients as required.

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- (d) Public vouchers for payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:
- National Aeronautics and Space Administration
Johnson Space Center
Attn: Rosalie Carpentier
Mail Code: BJ2
Houston, TX 77058-3696

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

- (e) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate voucher for the amount withheld will be required before payment for that amount may be made.

(End of clause)

G.9 TECHNICAL DIRECTION (NFS 1852.242-70) (SEP 1993)

- (a) Performance of the work under this contract is subject to the written technical direction of the Contracting Officer Technical Representative (COTR), who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 1842.270. "Technical direction" means a directive to the Contractor that approves approaches, solutions, designs, or refinements; fills in details or otherwise completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or furnishes similar instruction to the Contractor. Technical direction includes requiring studies and pursuit of certain lines of inquiry regarding matters within the general tasks and requirements in Section C of this contract.
- (b) The COTR does not have the authority to, and shall not, issue any instruction purporting to be technical direction that --
- (1) Constitutes an assignment of additional work outside the statement of work;
 - (2) Constitutes a change as defined in the changes clause;
 - (3) Constitutes a basis for any increase or decrease in the total estimated contract cost, the fixed fee (if any), or the time required for contract performance;
 - (4) Changes any of the expressed terms, conditions, or specifications of the contract; or
 - (5) Interferes with the contractor's rights to perform the terms and conditions of the contract.
- (c) All technical direction shall be issued in writing by the COTR.
- (d) The Contractor shall proceed promptly with the performance of technical direction duly issued by the COTR in the manner prescribed by this clause and within the COTR's authority. If, in the Contractor's opinion, any instruction or direction by the COTR falls within any of the categories defined in paragraph (b) of this clause, the Contractor shall not proceed but shall notify the Contracting Officer in writing within 5 working days after receiving it and shall request the Contracting Officer to take action as described in this clause. Upon receiving this notification, the Contracting Officer shall either issue an appropriate contract modification within a reasonable time or advise the Contractor in writing within 30 days that the instruction or direction is--
- (1) Rescinded in its entirety; or
 - (2) Within the requirements of the contract and does not constitute a change under the changes clause of the contract, and that the Contractor should proceed promptly with its performance.
- (e) A failure of the contractor and contracting officer to agree that the instruction or direction is both within the requirements of the contract and does not constitute a change under the changes clause, or a failure to agree upon the contract action to be taken with respect to the instruction or direction, shall be subject to the Disputes clause of this contract.

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- (f) Any action(s) taken by the contractor in response to any direction given by any person other than the Contracting Officer or the COTR shall be at the Contractor's risk.

(End of clause)

G.10 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (NFS 1852.245-71) (JUNE 1998) (JSC Version APR 2003)

(a) The Government property described in the clause at 1852.245-77, List of Installation-Accountable Property and Services, shall be made available to the Contractor on a no-charge basis for use in performance of this contract. This property shall be utilized only within the physical confines of the NASA installation that provided the property. Under this clause, the Government retains accountability for, and title to, the property, and the Contractor assumes the following user responsibilities:

Property Custodian Responsibilities: Reference NPG 4200.2

Chapter 2: Responsibilities

Section 2.3. Property Custodians

Section 2.4 Full Time Property Custodians

Paragraphs 2.4.1 and 2.4.2

Chapter 4: Operational Procedures

Section 4.2 Identification of Equipment

Paragraphs 4.2.8, 4.2.9, 4.2.10,

Section 4.3. Standard NEMS Reports for Property Custodians.

Paragraphs 4.3.1 through 4.3.4.5

Section 4.4. Inventory Procedures.

Paragraphs 4.4.1 through 4.4.5

Chapter 5. (Entire Content)

User Responsibilities: Reference Document (NPG 4200.2)

Chapter 2.

2.7. Responsibility of the Individual. The contractor shall ensure that each of its employees are responsible for Government property as follows: An employee has a duty to protect and conserve Government property and shall not use such property, or allow its use, for other than authorized purposes. Additional responsibilities include the following:

2.7.1. Reporting any missing or un-tagged (meeting the criteria for control) equipment, transfer, location change, or user change of equipment to the property custodian immediately.

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2.7.2. Notifying the property custodian, supervisor, and the Center security officer immediately if theft of Government property is suspected.

2.7.3. Ensuring that equipment is used only in pursuit of approved NASA programs and projects.

2.7.4. Notifying the property custodian of equipment not actively being used for determination of proper disposition.

2.7.5. Ensuring that equipment is returned through the property custodian when no longer needed. Under no circumstances will an employee throw away Government equipment.

2.7.6. Assigned users retain all responsibilities including notifying property custodians of all activity associated with the user's assigned equipment.

2.8. The contractor must ensure that all on-site contractor employees notify the contracting officer, property custodian, and SEMO upon termination of employment.

Chapter 4.

4.2.11. The user will assist the custodian in completing NF 1618 and sign in the designated block.

The contractor shall establish and adhere to a system of written procedures for compliance with these user responsibilities.

(b)(1) The official accountable record keeping, physical inventory, financial control, and reporting of the property subject to this clause shall be retained by the Government and accomplished by the installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. Center Administrative requirements are spelled out in JPG 5151.2, JSC Support Contractor Procedures & Guidelines. If this contract provides for the contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

(i) The contractor's purchase order shall require the vendor to deliver the property to the installation central receiving area;

(ii) The contractor shall furnish a copy of each purchase order, prior to delivery by the vendor, to the installation central receiving area:

(iii) The contractor shall establish a record of the property as required by FAR 45.5 and 1845.5 and furnish to the Industrial Property Officer a DD Form 1149 Requisition and Invoice/Shipping Document (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the contractor. The contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the contracting officer and notification of the SEMO. The contractor shall assume accountability and financial reporting responsibility for such property. The contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR Part 45.5 until its return to the installation.

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(2) After transfer of accountability to the Government, the contractor shall continue to maintain such internal records as are necessary to execute the user responsibilities identified in paragraph (a) and document the acquisition, billing, and disposition of the property. These records and supporting documentation shall be made available, upon request, to the SEMO and any other authorized representatives of the contracting officer.

(End of clause)

G.11 LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES (NFS 1852.245-77)
(JULY 1997) (JSC Version FEB 2003)

In accordance with the clause 1852.245-71, Installation - Accountable Government Property the Contractor is authorized use of the types of property and services listed below, to the extent they are available, in the performance of this contract within the physical borders of the installation which may include buildings and space owned or directly leased by NASA in close proximity to the installation, if so designated by the Contracting Officer.

- (a) Office space, work area space, and utilities. Government telephones are available for official purposes only; pay telephones are available for contractor employees for unofficial calls.
- (b) ODIN seats will be provided for onsite JETS contractors
- (c) General - and special-purpose equipment, including office furniture.
- (1) Equipment to be made available is listed in Section J, Attachment J-10 Installation Accountable Government Property. The Government retains accountability for this property under the clause at 1852.245-71, Installation-Accountable Government Property, regardless of its authorized location.

(2) If the contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract, this property also shall become accountable to the Government upon its entry into Government records as required by the clause at 1852.245-71, Installation-Accountable Government Property.

(3) The Contractor shall not bring to the installation for use under this contract any property owned or leased by the Contractor, or other property that the Contractor is accountable for under any other Government contract, without the Contracting Officer's prior written approval.

- (c) Publications and blank forms stocked by the installation.
- (d) Safety and fire protection for Contractor personnel and facilities.
- (e) Installation service facilities:

1. Audiovisual: Presentation services, sound services, Release Print Film Library, Film Repository, and loan of audiovisual equipment.

2. Automatic Data Processing (ADP) Services (onsite only): Generally, this includes access to large general-purpose computer systems, workstations, and the accessing media; i.e., terminals,

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printers, data communications, and consultation and training in the use of said systems. Unless otherwise specified in the contract, this does not include providing computer systems or ADP services for the Contractor business management, accounting, and administrative functions.

3. Transportation: Shuttle bus service for Contractor employees within the parameters provided for Government employees.

4. Disposal Services: Disposal services for excess onsite and offsite Contractor-held/Government-owned property.

5. Fabrication Services: Fabrication services such as machining, sheet metal and welding, electronics, metal finishing, model and plastics, and precision cleaning.

6. Photography, Processing, and Closed-Circuit Television: For technical and scientific photography, photographic processing, photographic sciences, and closed-circuit television.

7. Pickup and Delivery of Official Mail: Within the Center and to and from the Albert Thomas Post Office, provided the mail is properly sealed and stamped. Such mail will be picked up or dropped from only one point as designated by JSC or, if preferred, JSC will provide a box in the central mailroom for the Contractor to pick up and deposit its mail.

(f) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty.

(g) Cafeteria privileges for Contractor employees during normal operating hours.

(h) Building maintenance for facilities occupied by Contractor personnel.

(i) Moving and hauling for office moves, movement of large equipment, and delivery of supplies. Moving services shall be provided on-site, as approved by the Contracting Officer.

(j) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

(End of Clause)

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G.12 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (NFS 1852.227-72)(JULY 1997)

(a) For purposes of administration of the clause of this contract entitled "New Technology" or "Patent Rights--Retention by the Contractor (Short Form)," whichever is included, the following named representatives are hereby designated by the Contracting Officer to administer such clause:

Title	Office Code	Address (including zip code)
New Technology Representative	HA/Technology Transfer & Commercialization Office	NASA Johnson Space Center, Houston, TX 77058
Patent Representative	HA/Technology Transfer & Commercialization Office	NASA Johnson Space Center, Houston, TX 77058

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, should be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquires or requests regarding disposition of rights, election of rights, or related matters should be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights--Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

(End of clause)

G.13 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (NFS 1852.245.73) (OCTOBER 2003)

(a) The Contractor shall submit annually a NASA Form (NF) 1018, NASA Property in the Custody of Contractors, in accordance with the provisions of 1845.505-14, the instructions on the form, subpart 1845.71, and any supplemental instructions for the current reporting period issued by NASA.

(b)(1) Subcontractor use of NF 1018 is not required by this clause; however, the Contractor shall include data on property in the possession of subcontractors in the annual NF 1018.

(2) The Contractor shall mail the original signed NF 1018 directly to the cognizant NASA Center Deputy Chief Financial Officer, Finance, unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.

(3) One copy shall be submitted (through the Department of Defense (DOD) Property Administrator if contract administration has been delegated to DOD) to the following address: Government Property Administrator Property and Equipment Branch/JB3 and Property Accounting unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.

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(c)(1) The annual reporting period shall be from October 1 of each year through September 30 of the following year. The report shall be submitted in time to be received by October 15. The information contained in these reports is entered into the NASA accounting system to reflect current asset values for agency financial system purposes. Therefore, it is essential that required reports be received no later than October 15. Some activity may be estimated for the month of September, if necessary, to ensure the NF 1018 is received when due. However, contractors procedures must document the process for developing these estimates based on planned activity such as planned purchases or NASA Form 533 (NF 533 Contractor Financial Management Report) cost estimates. It should be supported and documented by historical experience or other corroborating evidence, and be retained in accordance with FAR Subpart 4.7, Contractor Records Retention. Contractors shall validate the reasonableness of the estimates and associated methodology by comparing them to the actual activity once that data is available, and adjust them accordingly. In addition, differences between the estimated cost and actual cost must be adjusted during the next reporting period. Contractors shall have formal policies and procedures, which address the validation of NF 1018 data, including data from subcontractors, and the identification and timely reporting of errors. The objective of this validation is to ensure that information reported is accurate and in compliance with the NASA FAR Supplement. If errors are discovered on NF 1018 after submission, the contractor shall contact the cognizant NASA Center Industrial Property Officer (IPO) within 30 days after discovery of the error to discuss corrective action.

(2) The Contracting Officer may, in NASA's interest, withhold payment until a reserve not exceeding \$25,000 or 5 percent of the amount of the contract, whichever is less, has been set aside, if the Contractor fails to submit annual NF 1018 reports in accordance with 1845.505-14 and any supplemental instructions for the current reporting period issued by NASA. Such reserve shall be withheld until the Contracting Officer has determined that NASA has received the required reports. The withholding of any amount or the subsequent payment thereof shall not be construed as a waiver of any Government right.

(d) A final report shall be submitted within 30 days after disposition of all property subject to reporting when the contract performance period is complete in accordance with (b)(1) through (3) of this clause.

(End of clause)

[End of Section]

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SECTION H**SPECIAL CONTRACT REQUIREMENTS****CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL****H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No FAR by reference Clauses in Section H

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.208-81	OCT 2001	RESTRICTIONS ON PRINTING AND DUPLICATING
1852.223-70	APR 2002	SAFETY AND HEALTH
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.225-70	FEB 2000	EXPORT LICENSES (fill-in JSC)

The following clause (1852.242.72) applies to IDIQ/CPAF

1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE I SEP 1989)
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The following clause (1852.242.72) applies to IDIQ/FFP (as modified)

1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE I SEP 1989)
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Delete the second and third sentences of paragraph (c).

III. FULL TEXT CLAUSES**H.2 TASK ORDERING PROCEDURE (NFS 1852.216-80) (OCT 1996)**

(a) Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are

authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a task order, the Contracting Officer shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within seven (7) calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

(d) After review and any necessary discussions, the Contracting Officer may issue a task order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.

(4) Performance standards, and where appropriate, quality assurance standards.

(5) Maximum dollar amount authorized (cost and fee or price). This includes allocation of award fee among award fee periods, if applicable.

(6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.

(7) Delivery/performance schedule including start and end dates.

(8) If contract funding is by individual task order, accounting and appropriation data.

(e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within two (2) calendar days after receipt of the task order.

(f) If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order which includes a ceiling price may be issued.

(g) The Contracting Officer may amend tasks in the same manner in which they were issued.

(h) In the event of a conflict between the requirements of the task order and the Contractor's approved task plan, the task order shall prevail.

(End of clause)

H.3 LIMITATION OF FUNDS (FIXED- PRICE CONTRACT) (NFS 1852.232-77) (MAR 1989)

As prescribed in 1832.705-270(a), insert the following clause. Contracting officers are authorized, in appropriate cases, to revise clause paragraphs (a), (b), and (g) to specify the work required under the contract, in lieu of using contract item numbers. The 60-day period may be varied from 30 to 90 days, and the 75 percent from 75 to 85 percent:

(a) Of the total price of items ____ through ____, the sum of \$____ is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule, until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS	
Date	Amounts

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) of this clause up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c)(1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until ____.

(2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.

(3) (i) The notice shall state the estimate when the point referred to in paragraph (c)(2) of this clause will be reached and the estimated amount of additional funds required to continue performance to the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it.

(ii) The Contractor shall, 60 days in advance of the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.

(4) If, after the notification referred to in paragraph (c)(3)(ii) of this clause, additional funds are not allotted by the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.

(d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance to be covered by these funds. The provisions of paragraphs (b) and (c) of this clause shall apply to these additional allotted funds and the substituted date pertaining to them, and the contract shall be modified accordingly.

(e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable

adjustment shall be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.

(f) The Government may at any time before termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.

(g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a) of this clause. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.

(h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of clause)

H.4 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS (JSC 52.209-90) (SEP 1988)

This contract incorporates Section K, Representations, Certifications, and Other Statements of Offerors, as set forth in the Contractor's proposal ***JSC Enabling Technology and Security (JETS) Original, Interim and FPR Submissions*** dated **12/19/2004, 4/5/2004 and 5/6/2004**, by reference, with the same force and effect as if it were given in full text.

(End of clause)

H.5 PHASE IN

The contractor shall perform phase-in activities in accordance with Attachment J-13 JETS Phase-In Plan, at no cost to the Government. Costs incurred for phase-in activities shall be unallowable under this and any other Government contract.

(End of clause)

H.6 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

H.7 (LIMITED) RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (JSC 52.227-91) (MAY 2002)

(a) NASA may find it necessary to release information submitted by the Contractor pursuant to the provisions of this contract, to individuals not employed by NASA. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by signature on this contract, the Contractor hereby consents to a limited release of its confidential business information (CBI).

(b) Possible circumstances where the Agency may release the Contractor's CBI include the following:

(1) To other Agency contractors and subcontractors, and their employees tasked with assisting the Agency in handling and processing information and documents in the administration of Agency contracts, such as providing post award audit support and specialized technical support to NASA;

(2) To NASA contractors and subcontractors, and their employees engaged in information systems analysis, development, operation, and maintenance, including performing data processing and management functions for the Agency.

(c) NASA recognizes its obligation to protect the contractor from competitive harm that could result from the release of such information to a competitor. Except where otherwise provided by law, NASA will permit the limited release of CBI under subparagraphs (1) or (2) only pursuant to non-disclosure agreements signed by the assisting contractor or subcontractor, and their individual employees who may require access to the CBI to perform the assisting contract.

(d) NASA's responsibilities under the Freedom of Information Act are not affected by this clause.

(e) The Contractor agrees to include this clause, including this paragraph (e), in all subcontracts at all levels awarded pursuant to this contract that require the furnishing of confidential business information by the subcontractor.

(End of clause)

H.8. ASSOCIATE CONTRACTOR AGREEMENT FOR JETS

The success of the JETS contract is dependent on the efforts of multiple contractors. The JIMMS, COSS and ODIN contractors are examples of Associate Contractors.

In order to achieve efficient and effective implementation of the JETS contract the contractor shall establish the means for coordination and exchange of information with associate contractors. The information to be exchanged shall be that required by the contractors in the execution of their respective contract requirements. The contractors are strongly encouraged to seek out and foster cooperative efforts that will benefit IRD and other JSC organizations.

This joint cooperation will be evaluated as part of the contract award fee process, as defined in the Award Fee Plan for the contract. To ensure successful implementation of the JETS

contract, the contractor shall establish formal guidelines to address coordination, cooperation and communication. Each contractor shall establish the means for the exchange of such data as needed to keep other contractors fully informed.

(End of clause)

H.9 NON-DISCLOSURE AGREEMENT

It is anticipated that the Contractor will have access to, be furnished, or use the following types of recorded information:

1. Information of third parties with limited rights or restricted rights notices submitted to NASA or directly to the Contractor.
2. Information of third parties, which NASA has agreed to handle under protective arrangement.
3. Information of which NASA intends to control the use and dissemination.
4. Information governed by the Privacy Act of 1974, 5 U.S.C. 552a.

In order to provide appropriate management for protecting such information, the Contractor agrees with respect to such information to (1) use and disclose such information only to the extent necessary to perform the work required under this contract, with particular emphasis on restricting the information to those "need to know" employees, and (2) to establish the necessary procedures to preclude disclosure of such information outside the Contractor employees assigned work area, except in accordance with the written instructions of the Contracting Officer.

The Contractor agrees to submit a nondisclosure statement per company policy and procedures for all personnel upon employment on the JETS contract.

(End of clause)

H.10 CAPITAL EQUIPMENT

1. Introduction: The parties recognize the contractor may, from time to time during the basic period of performance of this contract, purchase equipment for the purpose of performing work described in the SOW. Any such capital equipment will be capitalized and depreciated in accordance with the contractor's established cost accounting practices and procedures, which must be in conformance to any applicable requirements and standards of this contract.
2. Contractor Records: The contractor agrees to maintain complete records of capital equipment that is subject to this clause. Such records shall include date of purchase, purchase price, depreciation schedule, and amount of depreciation recorded from time to time. The contractor further agrees to make these records available to the Contracting Officer promptly upon the latter's request, along with the contractor's best estimate of the undepreciated balance of each equipment item.

3. Right to Purchase: The parties agree that if the Government does not exercise its option to extend the contract or does not thereafter contract with the contractor for the performance of the same, or substantially the same services contemplated by this contract, the contractor will, upon request by the Contracting Officer, transfer title to any equipment identified by the Contracting Officer from the records reference above, to either (a) the Government, or (b) a successor contractor.

4. If a request for transfer of title to the Government, the Government agrees to recognize as allowable costs under the contract, for identified capital equipment, so much of the cost of the equipment that has not been depreciated as of the end of the contract period of performance. Payment of such undepreciated balances will be no later than 30 days after transfer of title.

(End of clause)

H.11 INFORMATION MANAGEMENT TOOL

The offeror shall provide the information management tool **JETS ONLINE** to the Government at no direct licensing cost. JETS ONLINE shall be delivered to the Government with limited rights in accordance with Alternate III of the 52.227-14, Rights in Data General clause.

(End of clause)

[End of Section]

SECTION I**CONTRACT CLAUSES****CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL****I.1 CLAUSES INCORPORATED BY REFERENCE (52.252-2) (FEB 1998)**

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address:

<http://ec.msfc.nasa.gov/msfc/procref.html>.

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.202-1	DEC 2001	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	JUL 1995	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RECISION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	JUN 2003	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER
52.204-7	OCT 2003	CENTRAL CONTRACTOR REGISTRATION
52.204-9	JAN 2006	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL
52.209-6	JUL 1995	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS—NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE—UNIFORM CONTRACT FORMAT

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52.244-2	AUG 1998	SUBCONTRACTS (ALTERNATE I) (AUG 1998)
52.245-5	JUN 2003	GOVERNMENT PROPERTY (COST REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS)
52.247-1	APR 1984	COMMERCIAL BILL OF LADING NOTATIONS
52.247-67	JUN 1997	SUBMISSION OF COMMERCIAL-TRANSPORTATION BILLS TO THE GENERAL SERVICES ADMINISTRATION FOR AUDITS
52.249-6	SEP 1996	TERMINATION (COST-REIMBURSEMENT
52.249-14	APR 1984	EXCUSABLE DELAYS

The following contract clauses ONLY apply to the IDIQ firm-fixed-price services under the Statement of Work:

52.228-5	JAN 1997	INSURANCE – WORK ON A GOVERNMENT INSTALLATION
52.229-1	APR 1984	STATE AND LOCAL TAXES
52.229-3	APR 2003	FEDERAL, STATE, AND LOCAL TAXES
52.232-1	APR 1984	PAYMENTS
52.232-8	FEB 2002	DISCOUNTS FOR PROMPT PAYMENT
52.232-11	APR 1984	EXTRAS
52.232-16	APR 2003	PROGRESS PAYMENTS (ALTERNATE I) (MAR 2000)
52.232-25	OCT 2003	PROMPT PAYMENT (FEB 2002)
52.233-3	AUG 1996	PROTEST AFTER AWARD (JUN 1985)
52.243-1	AUG 1987	CHANGES--FIXED PRICE (ALTERNATE II) (APR 1984)
52.245-2	JUN 2003	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS)(ALTERNATE I)(APR 1984)
52.249-2	SEP 1996	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE)
52.249-8	APR 1984	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)

III. FULL TEXT CLAUSES

I.2 APPROVAL OF CONTRACT (FAR 52.204-1) (DEC 1989)

This contract is subject to the written approval of the Procurement Officer and shall not be binding until so approved.

(End of Clause)

I.3 ORDERING (FAR 52.216-18) (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule.

Such orders may be issued from September 1, 2006 through November 30, 2007.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

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52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE
52.215-13	OCT 1997	COST OR PRICING DATA – MODIFICATIONS
52.215-14	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA –
52.215-21	OCT 1997	MODIFICATIONS
		INTEGRITY OF UNIT PRICES
		REQUIREMENTS FOR COST OR PRICING DATA
		OR INFORMATION OTHER THAN COST OR
		PRICING DATA – MODIFICATIONS
52.219-6	JUN 2003	NOTICE OF TOTAL SMALL BUSINESS
		SET-ASIDE
52.219-8	OCT 2000	UTILIZATION OF SMALL BUSINESS CONCERNS
52.219-14	DEC 1996	LIMITATIONS ON SUBCONTRACTING
52.222-1	FEB 1997	NOTICE TO THE GOVERNMENT OF LABOR
		DISPUTES
52.222-3	JUN 2003	CONVICT LABOR
52.222-4	SEP 2000	CONTRACT WORK HOURS AND SAFETY
		STANDARDS ACT OVERTIME COMPENSATION
52.222-19	JAN 2004	CHILD LABOR—COOPERATION WITH
		AUTHORITIES AND REMEDIES
52.222-21	FEB 1999	PROHIBITION OF SEGREGATED FACILITIES
52.222-26	APR 2002	EQUAL OPPORTUNITY
52.222-35	DEC 2001	AFFIRMATIVE ACTION FOR SPECIAL DISABLED
		AND VIETNAM ERA VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH
		DISABILITIES
52.222-37	DEC 2001	EMPLOYMENT REPORTS ON DISABLED
		VETERANS AND VETERANS OF THE VIETNAM
		ERA, AND OTHER ELIGIBLE VETERANS
52.222-41	MAY 1989	SERVICE CONTRACT ACT OF 1965, AS
		AMENDED
52.223-5	AUG 2003	POLLUTION PREVENTION AND RIGHT TO
		KNOW INFORMATION
52.223-10	AUG 2000	WASTE REDUCTION PROGRAM
52.223-14	AUG 2003	TOXIC CHEMICAL RELEASE REPORTING
52.224-1	APR 1984	PRIVACY ACT NOTIFICATION
52.224-2	APR 1984	PRIVACY ACT
52.225-13	DEC 2003	RESTRICTIONS ON CERTAIN FOREIGN
		PURCHASES
52.227-1	JUL 1995	AUTHORIZATION AND CONSENT
52.227-2	AUG 1996	NOTICE AND ASSISTANCE REGARDING
		PATENT AND COPYRIGHT INFRINGEMENT
52.227-16	JUN 1987	ADDITIONAL DATA REQUIREMENTS
52.232-17	JUN 1996	INTEREST
52.232-23	JAN 1986	ASSIGNMENT OF CLAIMS
52.232-34	MAY 1999	PAYMENT BY ELECTRONIC FUNDS
		TRANSFER—OTHER
		THAN CENTRAL CONTRACTOR REGISTRATION
52.233-1	JUL 2002	DISPUTES (ALTERNATE I) (DEC 1991)
52.237-2	APR 1984	PROTECTION OF GOVERNMENT BUILDINGS,
		EQUIPMENT, AND VEGETATION

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52.237-3	JAN 1991	CONTINUITY OF SERVICES
52.239-1	AUG 1996	PRIVACY OR SECURITY SAFEGUARDS
52.242-13	JUL 1995	BANKRUPTCY
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING
52.244-6	APR 2003	SUBCONTRACTS FOR COMMERCIAL ITEMS
52.246-25	FEB 1997	LIMITATION OF LIABILITY—SERVICES
52.247-63	JUN 2003	PREFERENCE FOR U.S.-FLAG AIR CARRIERS
52.248-1	FEB 2000	VALUE ENGINEERING
52.251-1	APR 1984	GOVERNMENT SUPPLY SOURCES
52.253-1	JAN 1991	COMPUTER GENERATED FORMS

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.219-77	MAY 1999	NASA MENTOR-PROTÉGÉ PROGRAM
1852.219-79	MAR 1999	MENTOR REQUIREMENTS AND EVALUATION
1852.223-74	MAR 1996	DRUG-AND ALCOHOL-FREE WORKFORCE
1852.227-86	DEC 1987	COMMERCIAL COMPUTER SOFTWARE – LICENSING
1852.228-75	OCT 1988	MINIMUM INSURANCE COVERAGE
1852.236-73	DEC 1988	HURRICANE PLAN
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.243-71	MAR 1997	SHARED SAVINGS

The following contract clauses ONLY apply to the IDIQ cost reimbursable services under the Statement of Work:

52.215-15	JAN 2004	PENSION ADJUSTMENTS AND ASSET REVERSIONS
52.215-18	OCT 1997	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS OTHER THAN PENSIONS (PRB)
52.215-19	OCT 1997	NOTIFICATION OF OWNERSHIP CHANGES
52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT
52.228-7	MAR 1996	INSURANCE-LIABILITY TO THIRD PERSONS
52.232-22	APR 1984	LIMITATION OF FUNDS
52.232-25	OCT 2003	PROMPT PAYMENT (ALTERNATE I) (FEB 2002)
52.233-3	AUG 1996	PROTEST AFTER AWARD (ALTERNATE I) (JUN 1985)
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.243-2	AUG 1987	CHANGES---COST REIMBURSABLE (ALTERNATE II) (APR 1984)

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(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

(End of clause)

I.4 ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than \$250 the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor --

- (1) Any order for a single item in excess of \$1,500,000;
- (2) Any order for a combination of items in excess of \$5,000,000 or
- (3) A series of orders from the same ordering office within 5 days that together call for quantities exceeding the limitation in paragraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 5 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

I.5 INDEFINITE QUANTITY (FAR 52.216-22) (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after November 30, 2007.

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(End of clause)

The following contract clause ONLY applies to the IDIQ cost reimbursable services under the Statement of Work

I.6 PAYMENT FOR OVERTIME PREMIUMS (FAR 52.222-2) (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed \$0 or the overtime premium is paid for work-

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall-

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

(End of clause)

I.7 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (May 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only:
It is not a Wage Determination

Employee Class Monetary Wage--Fringe Benefits

See SF98 in Attachment J-5

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(End of clause)

I.8 SECURITY CLASSIFICATION REQUIREMENTS (NFS 1852.204-75) (SEPTEMBER 1989)

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of confidential. See Federal Acquisition Regulation clause **52.204-2** in this contract and DD Form 254, Contract Security Classification Specification, Attachment J-12.

(End of clause)

I.9 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (FAR 52.223-3) (JAN 1997) ALTERNATE I (JULY 1995)

(a) "Hazardous material," as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material

(If none, insert "None") Identification No.

[to be completed by the offeror]

None

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered non-responsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

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(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to--

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(i) Except as provided in paragraph (i)(2), the Contractor shall prepare and submit a sufficient number of Material Safety Data Sheets (MSDSs), meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous materials identified in paragraph (b) of this clause.

(1) For items shipped to consignees, the Contractor shall include a copy of the MSDS's with the packing list or other suitable shipping document, which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDS's to consignees in advance of receipt of shipments by consignees, if authorized in writing by the Contracting Officer.

(2) For items shipped to consignees identified by mailing address as agency depots, distribution centers or customer supply centers, the Contractor shall provide one copy of the MSDS's in or on each shipping container. If affixed to the outside of each container, the MSDS's must be placed in a weather resistant envelope.

(End of Clause)

I.10 SECURITY REQUIREMENTS FOR UNCLASSIFIED TECHNOLOGY INFORMATION RESOURCES (NFS 1852.204-76) (MAY 2007)

(a) The Contractor shall be responsible for information and information technology (IT) security when –

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(1) The Contractor or its subcontractors must obtain physical or electronic (i.e., authentication level 2 and above as defined in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-63, Electronic Authentication Guideline) access to NASA's computer systems, networks, or IT infrastructure; or

(2) Information categorized as low, moderate, or high by the Federal Information Processing Standards (FIPS) 199, Standards for Security Categorization of Federal Information and Information Systems is stored, generated, processed, or exchanged by NASA or on behalf of NASA by a contractor or subcontractor, regardless of whether the information resides on a NASA or a contractor/subcontractor's information system.

(b) IT Security Requirements.

(1) Within 30 days after contract award, a Contractor shall submit to the Contracting Officer for NASA approval an IT Security Plan, Risk Assessment, and FIPS 199, Standards for Security Categorization of Federal Information and Information Systems, Assessment. These plans and assessments, including annual updates shall be incorporated into the contract as compliance documents.

(i) The IT system security plan shall be prepared consistent, in form and content, with NIST SP 800-18, Guide for Developing Security Plans for Federal Information Systems, and any additions/augmentations described in NASA Procedural Requirements (NPR) 2810, Security of Information Technology. The security plan shall identify and document appropriate IT security controls consistent with the sensitivity of the information and the requirements of Federal Information Processing Standards (FIPS) 200, Recommended Security Controls for Federal Information Systems. The plan shall be reviewed and updated in accordance with NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems, and FIPS 200, on a yearly basis.

(ii) The risk assessment shall be prepared consistent, in form and content, with NIST SP 800-30, Risk Management Guide for Information Technology Systems, and any additions/augmentations described in NPR 2810. The risk assessment shall be updated on a yearly basis.

(iii) The FIPS 199 assessment shall identify all information types as well as the "high water mark," as defined in FIPS 199, of the processed, stored, or transmitted information necessary to fulfill the contractual requirements.

(2) The Contractor shall produce contingency plans consistent, in form and content, with NIST SP 800-34, Contingency Planning Guide for Information Technology Systems, and any additions/augmentations described in NPR 2810. The Contractor shall perform yearly "Classroom Exercises," "Functional Exercises," shall be coordinated with the Center CIOs and be conducted once every three years, with the first conducted within the first two years of contract award. These exercises are defined and described in NIST SP 800-34.

(3) The Contractor shall ensure coordination of its incident response team with the NASA Incident Response Center (NASIRC) and the NASA Security Operations Center, ensuring that incidents are reported consistent with NIST SP 800-61, Computer Security Incident Reporting Guide, and the United States Computer Emergency Readiness Team's (US-CERT) Concept of Operations for reporting security incidents. Specifically, any confirmed incident of a system containing NASA data or controlling NASA assets shall be reported to NASIRC within one hour that results in unauthorized access, loss or modification of NASA data, or denial of service affecting the availability of NASA data.

(4) The Contractor shall ensure that its employees, in performance of the contract, receive annual IT security training in NASA IT Security policies, procedures, computer ethics, and best practices in accordance with NPR 2810 requirements. The Contractor may use web-based training available from NASA to meet this requirement.

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(5) The Contractor shall provide NASA, including the NASA Office of Inspector General, access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases, and personnel used in performance of the contract. Access shall be provided to the extent required to carry out IT security inspection, investigation, and/or audits to safeguard against threats and hazards to the integrity, availability, and confidentiality of NASA information or to the function of computer systems operated on behalf of NASA, and to preserve evidence of computer crime. To facilitate mandatory reviews, the Contractor shall ensure appropriate compartmentalization of NASA information, stored and/or processed, either by information systems in direct support of the contract or that are incidental to the contract.

(6) The Contractor shall ensure that system administrators who perform tasks that have a material impact on IT security and operations demonstrate knowledge appropriate to those tasks. Knowledge is demonstrated through the NASA System Administrator Security Certification Program. A system administrator is one who provides IT services (including network services, file storage, and/or web services) to someone other than themselves and takes or assumes the responsibility for the security and administrative controls of that service. Within 30 days after contract award, the Contractor shall provide to the Contracting Officer a list of all system administrator positions and personnel filling those positions, along with a schedule that ensures certification of all personnel within 90 days after contract award. Additionally, the Contractor should report all personnel changes which impact system administrator positions within 5 days of the personnel change and ensure these individuals obtain System Administrator certification within 90 days after the change.

(7) The Contractor shall ensure that NASA's Sensitive But Unclassified (SBU) information as defined in NPR 1600.1, NASA Security Program Procedural Requirements, which includes privacy information, is encrypted in storage and transmission.

(8) When the Contractor is located at a NASA Center or installation or is using NASA IP address space, the Contractor shall --

(i) Submit requests for non-NASA provided external Internet connections to the Contracting Officer for approval by the Network Security Configuration Control Board (NSCCB);

(ii) Comply with the NASA CIO metrics including patch management, operating systems and application configuration guidelines, vulnerability scanning, incident reporting, system administrator certification, and security training; and

(iii) Utilize the NASA Public Key Infrastructure (PKI) for all encrypted communication or non-repudiation requirements within NASA when secure email capability is required.

(c) Physical and Logical Access Requirements.

(1) Contractor personnel requiring access to IT systems operated by the Contractor for NASA or interconnected to a NASA network shall be screened at an appropriate level in accordance with NPR 2810 and Chapter 4, NPR 1600.1, NASA Security Program Procedural Requirements. NASA shall provide screening, appropriate to the highest risk level, of the IT systems and information accessed, using, as a minimum, National Agency Check with Inquiries (NACI). The Contractor shall submit the required forms to the NASA Center Chief of Security (CCS) within fourteen (14) days after contract award or assignment of an individual to a position requiring screening. The forms may be obtained from the CCS. At the option of NASA, interim access may be granted pending completion of the required investigation and final access determination. For Contractors who will reside on a NASA Center or installation, the security screening required for all required access (e.g., installation, facility, IT, information, etc.) is consolidated to ensure only one investigation is conducted based on the highest risk level. Contractors not residing on a NASA installation will be screened based on their IT access risk level determination only. See NPR 1600.1, Chapter 4.

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(2) Guidance for selecting the appropriate level of screening is based on the risk of adverse impact to NASA missions. NASA defines three levels of risk for which screening is required (IT-1 has the highest level of risk).

(i) IT-1 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause very serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of spacecraft, satellites or aircraft.

(ii) IT-2 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of payloads on spacecraft, satellites or aircraft; and those that contain the primary copy of "level 1" information whose cost to replace exceeds one million dollars.

(iii) IT-3 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause significant adverse impact to NASA missions. These systems include, for example, those that interconnect with a NASA network in a way that exceeds access by the general public, such as bypassing firewalls; and systems operated by the Contractor for NASA whose function or information has substantial cost to replace, even if these systems are not interconnected with a NASA network.

(3) Screening for individuals shall employ forms appropriate for the level of risk as established in Chapter 4, NPR 1600.1.

(4) The Contractor may conduct its own screening of individuals requiring privileged access or limited privileged access provided the Contractor can demonstrate to the Contracting Officer that the procedures used by the Contractor are equivalent to NASA's personnel screening procedures for the risk level assigned for the IT position.

(5) Subject to approval of the Contracting Officer, the Contractor may forgo screening of Contractor personnel for those individuals who have proof of a --

(i) Current or recent national security clearances (within last three years);

(ii) Screening conducted by NASA within the last three years that meets or exceeds the screening requirements of the IT position; or

(iii) Screening conducted by the Contractor, within the last three years, that is equivalent to the NASA personnel screening procedures as approved by the Contracting Officer and concurred on by the CCS.

(d) The Contracting Officer may waive the requirements of paragraphs (b) and (c)(1) through (c)(3) upon request of the Contractor. The Contractor shall provide all relevant information requested by the Contracting Officer to support the waiver request.

(e) The Contractor shall contact the Contracting Officer for any documents, information, or forms necessary to comply with the requirements of this clause.

(f) At the completion of the contract, the contractor shall return all NASA information and IT resources provided to the contractor during the performance of the contract and certify that all NASA information has been purged from contractor-owned systems used in the performance of the contract.

(g) The Contractor shall insert this clause, including this paragraph (g), in all subcontracts

(1) Have physical or electronic access to NASA's computer systems, networks, or IT infrastructure; or

(2) Use information systems to generate, store, process, or exchange data with NASA or on behalf of NASA, regardless of whether the data resides on a NASA or a contractor's information system.

(End of clause)

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I.11 DRUG-FREE WORKPLACE (FAR 52.223-6) (MAY 2001)

(a) Definitions. As used in this clause-

"Controlled substance" means a controlled substance in schedules I through V of section 202 of the Controlled Substances Act (21 U.S.C. 812) and as further defined in regulation at 21 CFR 1308.11 - 1308.15.

"Conviction" means a finding of guilt (including a plea of nolo contendere) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or State criminal drug statutes.

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, possession, or use of any controlled substance.

"Drug-free workplace" means the site(s) for the performance of work done by the Contractor in connection with a specific contract where employees of the Contractor are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance.

"Employee" means an employee of a Contractor directly engaged in the performance of work under a Government contract. "Directly engaged" is defined to include all direct cost employees and any other Contractor employee who has other than a minimal impact or involvement in contract performance.

"Individual" means an offeror/contractor that has no more than one employee including the offeror/contractor.

(b) The Contractor, if other than an individual, shall- within 30 days after award (unless a longer period is agreed to in writing for contracts of 30 days or more performance duration), or as soon as possible for contracts of less than 30 days performance duration-

(1) Publish a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(2) Establish an ongoing drug-free awareness program to inform such employees about-

(i) The dangers of drug abuse in the workplace;

(ii) The Contractor's policy of maintaining a drug-free workplace;

(iii) Any available drug counseling, rehabilitation, and employee assistance programs; and

(iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(3) Provide all employees engaged in performance of the contract with a copy of the statement required by paragraph (b)(1) of this clause;

(4) Notify such employees in writing in the statement required by paragraph (b)(1) of this clause that, as a condition of continued employment on this contract, the employee will-

(i) Abide by the terms of the statement; and

(ii) Notify the employer in writing of the employee's conviction under a criminal drug statute for a violation occurring in the workplace no later than 5 days after such conviction;

(5) Notify the Contracting Officer in writing within 10 days after receiving notice under subdivision (b)(4)(ii) of this clause, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

(6) Within 30 days after receiving notice under subdivision (b)(4)(ii) of this clause of a conviction, take one of the following actions with respect to any employee who is convicted of a drug abuse violation occurring in the workplace:

(i) Taking appropriate personnel action against such employee, up to and including termination; or

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- (ii) Require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency; and
- (7) Make a good faith effort to maintain a drug-free workplace through implementation of paragraphs (b)(1) through (b)(6) of this clause.
- (c) The Contractor, if an individual, agrees by award of the contract or acceptance of a purchase order, not to engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance while performing this contract.

(d) In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraph (b) or (c) of this clause may, pursuant to FAR 23.506, render the Contractor subject to suspension of contract payments, termination of the contract or default, and suspension or debarment.

(End of clause)

I.12 PATENT RIGHTS – RETENTION BY THE CONTRACTOR (SHORT FORM) (FAR 52.227-11) (JUN 1997) (AS MODIFIED BY NFS 1852.227)

(a) Definitions.

- (1) "Invention" means any invention or discovery which is or may be patentable or otherwise protectable under title 35 of the United States Code, or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321, *et seq.*)
- (2) "Made" when used in relation to any invention means the conception or first actual reduction to practice of such invention.
- (3) "Nonprofit organization" means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.
- (4) "Practical application" means to manufacture, in the case of a composition of product; to practice, in the case of a process or method, or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.
- (5) "Small business firm" means a small business concern as defined at section 2 of Pub. L. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in Government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used.
- (6) "Subject invention" means any invention of the contractor conceived or first actually reduced to practice in the performance of work under this contract, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of contract performance.
- (b) *Allocation of principal rights.* The Contractor may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the Contractor retains title, the Federal Government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to

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practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(c) Invention disclosure, election of title, and filing of patent application by Contractor.

(1) The Contractor will disclose each subject invention to the Federal agency within 2 months after the inventor discloses it in writing to Contractor personnel responsible for patent matters. The disclosure to the agency shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the agency, the Contractor will promptly notify the agency of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Contractor.

(2) The Contractor will elect in writing whether or not to retain title to any such invention by notifying the Federal agency within 2 years of disclosure to the Federal agency. However, in any case where publication, on sale or public use has initiated the 1-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by the agency to a date that is no more than 60 days prior to the end of the statutory period.

(3) The Contractor will file its initial patent application on a subject invention to which it elects to retain title within 1 year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The Contractor will file patent applications in additional countries or international patent offices within either 10 months of the corresponding initial patent application or 6 months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(4) Requests for extension of the time for disclosure election, and filing under paragraphs

(c)(1), (2), and (3) of this clause may, at the discretion of the agency, be granted.

(5) The Contractor may use whatever format is convenient to disclose subject inventions required in subparagraph (c)(1). NASA prefers that the contractor use either the electronic or paper version of NASA Form 1679, Disclosure of Invention and New Technology (Including Software) to disclose subject inventions. Both the electronic and paper versions of NASA Form 1679 may be accessed at the electronic New Technology Reporting Web site

<http://invention.nasa.gov>.

(d) *Conditions when the Government may obtain title.* The Contractor will convey to the Federal agency, upon written request, title to any subject invention-

(1) If the Contractor fails to disclose or elect title to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain title; provided, that the agency may only request title within 60 days after learning of the failure of the Contractor to disclose or elect within the specified times.

(2) In those countries in which the Contractor fails to file patent applications within the times specified in paragraph (c) of this clause; *provided, however*, that if the Contractor has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the Federal agency, the Contractor shall continue to retain title in that country.

(3) In any country in which the Contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.

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(e) *Minimum rights to Contractor and protection of the Contractor right to file.*

(1) The Contractor will retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the Contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. The Contractor's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the Contractor is a party and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of the Federal agency, except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(2) The Contractor's domestic license may be revoked or modified by the funding Federal agency to the extent necessary to achieve expeditious practical application of subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR part 404 and agency licensing regulations (if any). This license will not be revoked in that field of use or the geographical areas in which the Contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of the funding Federal agency to the extent the Contractor, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, the funding Federal agency will furnish the Contractor a written notice of its intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by the funding Federal agency for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal, in accordance with applicable regulations in 37 CFR part 404 and agency regulations, if any, concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of the license.

(f) *Contractor action to protect the Government's interest.*

(1) The Contractor agrees to execute or to have executed and promptly deliver to the Federal agency all instruments necessary to-

(i) Establish or confirm the rights the Government has throughout the world in those subject inventions to which the Contractor elects to retain title; and

(ii) Convey title to the Federal agency when requested under paragraph (d) of this clause and to enable the Government to obtain patent protection throughout the world in that subject invention.

(2) The Contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Contractor each subject invention made under contract in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by paragraph (c)(1) of this clause. The Contractor shall instruct such employees, through employee agreements or other suitable educational programs, on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The Contractor will notify the Federal agency of any decisions not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response period required by the relevant patent office.

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(4) The Contractor agrees to include, within the specification of any United States patent application and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with Government support under (identify the contract) awarded by (identify the Federal agency). The Government has certain rights in the invention."

(5) The Contractor shall provide the Contracting Officer the following:

(i) A listing every 12 months (or such longer period as the Contracting Officer may specify) from the date of the contract, of all subject inventions required to be disclosed during the period.

(ii) A final report prior to closeout of the contract listing all subject inventions or certifying that there were none.

(iii) Upon request, the filing date, serial number and title, a copy of the patent application, and patent number and issue date for any subject invention in any country in which the contractor has applied for patents.

(iv) An irrevocable power to inspect and make copies of the patent application file, by the Government, when a Federal Government employee is a coinventor.

(g) *Subcontracts.*

(1) The Contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental, or research work to be performed by a small business firm or domestic nonprofit organization. The subcontractor will retain all rights provided for the Contractor in this clause, and the Contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) The Contractor shall include the clause in the NASA FAR Supplement at 1852.227-70, New Technology, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental, research, design, or engineering work to be performed by other than a small business firm or nonprofit organization.

(3) In the case of subcontracts, at any tier, the agency, subcontractor, and the Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and the Federal agency with respect to the matters covered by the clause; *provided, however*, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (j) of this clause.

(h) *Reporting on utilization of subject inventions.* The Contractor agrees to submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Contractor or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the Contractor, and such other data and information as the agency may reasonably specify. The Contractor also agrees to provide additional reports as may be requested by the agency in connection with any march-in proceeding undertaken by the agency in accordance with paragraph (j) of this clause. As required by 35 U.S.C. 202(c)(5), the agency agrees it will not disclose such information to persons outside the Government without permission of the Contractor.

(i) *Preference for United States industry.* Notwithstanding any other provision of this clause, the Contractor agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any product embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by the Federal agency upon a showing by the Contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture

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substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) *March-in rights.* The Contractor agrees that, with respect to any subject invention in which it has acquired title, the Federal agency has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency to require the Contractor, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if the Contractor, assignee, or exclusive licensee refuses such a request the Federal agency has the right to grant such a license itself if the Federal agency determines that-

(1) Such action is necessary because the Contractor or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the Contractor, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Contractor, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) *Special provisions for contracts with nonprofit organizations.* If the Contractor is a nonprofit organization, it agrees that-

(1) Rights to a subject invention in the United States may not be assigned without the approval of the Federal agency, except where such assignment is made to an organization which has as one of its primary functions the management of inventions; *provided*, that such assignee will be subject to the same provisions as the Contractor;

(2) The Contractor will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when the agency deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) The balance of any royalties or income earned by the Contractor with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions will be utilized for the support of scientific research or education; and

(4) It will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms, and that it will give a preference to a small business firm when licensing a subject invention if the Contractor determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; *provided*, that the Contractor is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the contractor. However, the Contractor agrees that the Secretary of Commerce may review the Contractor's licensing program and decisions regarding small business applicants, and the Contractor will negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when the Secretary's review discloses that the Contractor could take reasonable steps to more effectively implement the requirements of this paragraph (k)(4).

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**I.13 RIGHTS IN DATA--GENERAL (FAR 52.227-14) (JUN 1987) (AS MODIFIED BY
NFS 1852-227-14 (OCT 1995)) ALTERNATE III (JUN 1987)**

(a) Definitions. "Computer software," as used in this clause, means computer programs, computer databases, and documentation thereof. "Data," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing, or management information.

"Form, fit, and function data," as used in this clause, means data relating to items, components, or processes that are sufficient to enable physical and functional interchangeability, as well as data identifying source, size, configuration, mating, and attachment characteristics, functional characteristics, and performance requirements; except that for computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formulae, and flow charts of the software.

"Limited rights," as used in this clause, means the rights of the Government in limited rights data as set forth in the Limited Rights Notice of subparagraph (g)(2) if included in this clause.

"Limited rights data," as used in this clause, means data (other than computer software) that embody trade secrets or are commercial or financial and confidential or privileged, to the extent that such data pertain to items, components, or processes developed at private expense, including minor modifications thereof.

"Restricted computer software," as used in this clause, means computer software developed at private expense and that is a trade secret; is commercial or financial and is confidential or privileged; or is published copyrighted computer software, including minor modifications of such computer software.

"Restricted rights," as used in this clause, means the rights of the Government in restricted computer software, as set forth in a Restricted Rights Notice of subparagraph (g)(3) if included in this clause, or as otherwise may be provided in a collateral agreement incorporated in and made part of this contract, including minor modifications of such computer software.

"Technical data," as used in this clause, means data (other than computer software), which are of a scientific or technical nature.

"Unlimited rights," as used in this clause, means the right of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

(b) Allocation of rights. (1) Except as provided in paragraph (c) of this clause regarding copyright, the Government shall have unlimited rights in--

- (i) Data first produced in the performance of this contract;
- (ii) Form, fit, and function data delivered under this contract;

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(iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair of items, components, or processes delivered or furnished for use under this contract; and

(iv) All other data delivered under this contract unless provided otherwise for limited rights data or restricted computer software in accordance with paragraph (g) of this clause.

(2) The Contractor shall have the right to--

(i) Use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, unless provided otherwise in paragraph (d) of this clause;

(ii) Protect from unauthorized disclosure and use those data which are limited rights data or restricted computer software to the extent provided in paragraph (g) of this clause;

(iii) Substantiate use of, add or correct limited rights, restricted rights, or copyright notices and to take other appropriate action, in accordance with paragraphs (e) and (f) of this clause; and

(iv) Establish claim to copyright subsisting in data first produced in the performance of this contract to the extent provided in subparagraph (c)(1) of this clause.

(c) Copyright--(1) Data first produced in the performance of this contract. Unless provided otherwise in paragraph (d) of this clause, the Contractor may establish, without prior approval of the Contracting Officer, claim to copyright subsisting in scientific and technical articles based on or containing data first produced in the performance of this contract and published in academic, technical or professional journals, symposia proceedings or similar works. The prior, express written permission of the Contracting Officer is required to establish claim to copyright subsisting in all other data first produced in the performance of this contract. When claim to copyright is made, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship (including contract number) to the data when such data are delivered to the Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable worldwide license in such copyrighted data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the Contractor grants to the Government and others acting in its behalf, a paid-up nonexclusive, irrevocable worldwide license in such copyrighted computer software to reproduce, prepare derivative works, and perform publicly and display publicly by or on behalf of the Government.

(2) Data not first produced in the performance of this contract. The Contractor shall not, without prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract and which contains the copyright notice of 17 U.S.C. 401 or 402, unless the Contractor identifies such data and grants to the Government, or acquires on its behalf, a license of the same scope as set forth in subparagraph (c)(1) of this clause; provided, however, that if such data are computer software the Government shall acquire a copyright license as set forth in subparagraph (g)(3) of this

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clause if included in this contract or as otherwise may be provided in a collateral agreement incorporated in or made part of this contract.

(3) Removal of copyright notices. The Government agrees not to remove any copyright notices placed on data pursuant to this paragraph (c), and to include such notices on all reproductions of the data.

(d) Release, publication and use of data. (1) The Contractor shall have the right to use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, except to the extent such data may be subject to the Federal export control or national security laws or regulations, or unless otherwise provided in this paragraph of this clause or expressly set forth in this contract.

(2) The Contractor agrees that to the extent it receives or is given access to data necessary for the performance of this contract, which contain restrictive markings, the Contractor shall treat the data in accordance with such markings unless otherwise specifically authorized in writing by the Contracting Officer.

(3) (i) The Contractor agrees not to establish claim to copyright, publish or release to others any computer software first produced in the performance of this contract without the Contracting Officer's prior written permission.

(ii) If the Government desires to obtain copyright in computer software first produced in the performance of this contract and permission has not been granted as set forth in paragraph (d)(3)(i) of this clause, the Contracting Officer may direct the contractor to assert, or authorize the assertion of, claim to copyright in such data and to assign, or obtain the assignment of, such copyright to the Government or its designated assignee.

(iii) Whenever the word "establish" is used in this clause, with reference to a claim to copyright, it shall be construed to mean "assert".

(e) Unauthorized marking of data. (1) Notwithstanding any other provisions of this contract concerning inspection or acceptance, if any data delivered under this contract are marked with the notices specified in subparagraph (g)(2) or (g)(3) of this clause and use of such is not authorized by this clause, or if such data bears any other restrictive or limiting markings not authorized by this contract, the Contracting Officer may at any time either return the data to the Contractor, or cancel or ignore the markings. However, the following procedures shall apply prior to canceling or ignoring the markings.

(i) The Contracting Officer shall make written inquiry to the Contractor affording the Contractor 30 days from receipt of the inquiry to provide written justification to substantiate the propriety of the markings;

(ii) If the Contractor fails to respond or fails to provide written justification to substantiate the propriety of the markings within the 30-day period (or a longer time not exceeding 90 days approved in writing by the Contracting Officer for good cause shown), the Government shall have the right to cancel or ignore the markings at any time after said period and the data will no longer be made subject to any disclosure prohibitions.

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(iii) If the Contractor provides written justification to substantiate the propriety of the markings within the period set in subdivision (e)(1)(i) of this clause, the Contracting Officer shall consider such written justification and determine whether or not the markings are to be cancelled or ignored. If the Contracting Officer determines that the markings are authorized, the Contractor shall be so notified in writing. If the Contracting Officer determines, with concurrence of the head of the contracting activity, that the markings are not authorized, the Contracting Officer shall furnish the Contractor a written determination, which determination shall become the final agency decision regarding the appropriateness of the markings unless the Contractor files suit in a court of competent jurisdiction within 90 days of receipt of the Contracting Officer's decision. The Government shall continue to abide by the markings under this subdivision (e)(1)(iii) until final resolution of the matter either by the Contracting Officer's determination becoming final (in which instance the Government shall thereafter have the right to cancel or ignore the markings at any time and the data will no longer be made subject to any disclosure prohibitions), or by final disposition of the matter by court decision if suit is filed.

(2) The time limits in the procedures set forth in subparagraph (e)(1) of this clause may be modified in accordance with agency regulations implementing the Freedom of Information Act (5 U.S.C. 552) if necessary to respond to a request thereunder.

(3) This paragraph (e) does not apply if this contract is for a major system or for support of a major system by a civilian agency other than NASA and the U.S. Coast Guard agency subject to the provisions of Title III of the Federal Property and Administrative Services Act of 1949.

(4) Except to the extent the Government's action occurs as the result of final disposition of the matter by a court of competent jurisdiction, the Contractor is not precluded by this paragraph (e) from bringing a claim under the Contract Disputes Act, including pursuant to the Disputes clause of this contract, as applicable, that may arise as the result of the Government removing or ignoring authorized markings on data delivered under this contract.

(f) Omitted or incorrect markings. (1) Data delivered to the Government without either the limited rights or restricted rights notice as authorized by paragraph (g) of this clause, or the copyright notice required by paragraph (c) of this clause, shall be deemed to have been furnished with unlimited rights, and the Government assumes no liability for the disclosure, use, or reproduction of such data. However, to the extent the data has not been disclosed without restriction outside the Government, the Contractor may request, within 6 months (or a longer time approved by the Contracting Officer for good cause shown) after delivery of such data, permission to have notices placed on qualifying data at the Contractor's expense, and the Contracting Officer may agree to do so if the Contractor--

(i) Identifies the data to which the omitted notice is to be applied;

(ii) Demonstrates that the omission of the notice was inadvertent;

(iii) Establishes that the use of the proposed notice is authorized; and

(iv) Acknowledges that the Government has no liability with respect to the disclosure, use, or reproduction of any such data made prior to the addition of the notice or resulting from the omission of the notice.

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(2) The Contracting Officer may also (i) permit correction at the Contractor's expense of incorrect notices if the Contractor identifies the data on which correction of the notice is to be made, and demonstrates that the correct notice is authorized, or (ii) correct any incorrect notices.

(g) Protection of limited rights data and restricted computer software. (1) When data other than that listed in subdivisions (b)(1)(i), (ii), and (iii) of this clause are specified to be delivered under this contract and qualify as either limited rights data or restricted computer software, if the Contractor desires to continue protection of such data, the Contractor shall withhold such data and not furnish them to the Government under this contract. As a condition to this withholding, the Contractor shall identify the data being withheld and furnish form, fit, and function data in lieu thereof. Limited rights data that are formatted as a computer database for delivery to the Government are to be treated as limited rights data and not restricted computer software.

(2)-- [Reserved]

(g)(3)(i) Notwithstanding paragraph (g)(1) of this clause, the contract may identify and specify the delivery of restricted computer software, or the Contracting Officer may require by written request the delivery of restricted computer software that has been withheld or would otherwise be withholdable. If delivery of such computer software is so required, the Contractor may affix the following "Restricted Rights Notice" to the computer software and the Government will thereafter treat the computer software, subject to paragraphs (e) and (f) of this clause, in accordance with the Notice:

RESTRICTED RIGHTS NOTICE (JUN 1987)

(a) This computer software is submitted with restricted rights under Government Contract No. NNJ04JA53C. It may not be used, reproduced or disclosed by the Government except as provided in paragraph (b) of this Notice or as otherwise expressly stated in the contract.

(b) This computer software may be—

(1) Used or copied for use in or with the computer or computers for which it was acquired, including use at any Government installation to which such computer or computers may be transferred;

(2) Used or copied for use in backup computer if any computer for which it was acquired is inoperative;

(3) Reproduced for safekeeping (archives) or backup purposes;

(4) Modified, adapted, or combined with other computer software, provided that the modified, combined, or adapted portions of the derivative software incorporating restricted computer software are made subject to the same restricted rights;

(5) Disclosed to and reproduced for use by support service Contractors in accordance with paragraphs (b)(1) through (4) of this clause, provided the Government makes such disclosure or reproduction subject to these restricted rights; and

(6) Used or copied for use in or transferred to a replacement computer.

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(c) Notwithstanding the foregoing, if this computer software is published copyrighted computer software, if is licensed to the Government, without disclosure prohibitions, with the minimum rights set forth in paragraph (b) of this clause.

(d) Any other rights or limitations regarding the use, duplication, or disclosure of this computer software are to be expressly stated in, or incorporated in, the contract.

(e) This Notice shall be marked on any reproduction of this computer software, in whole or in part.

(End of notice)

(h) Subcontracting. The Contractor has the responsibility to obtain from its subcontractors all data and rights therein necessary to fulfill the Contractor's obligations to the Government under this contract. If a subcontractor refuses to accept terms affording the Government such rights, the Contractor shall promptly bring such refusal to the attention of the Contracting Officer and not proceed with subcontract award without further authorization.

(i) Relationship to patents. Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government.

(End of clause)

I.14 OMBUDSMAN (NFS 1852.215-84) (OCTOBER 2003) (ALTERNATE 1) (JUNE 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman:

Randy K. Gish
Lyndon B. Johnson Space Center
Mail Code: AC
2101 NASA Parkway
Houston, TX 77058
Phone: 281-483-3556, Fax: 281-483-2200
Email: randy.k.gish@nasa.gov

Concerns, issues, disagreements, and recommendations, which cannot be resolved at the installation, may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail

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james.a.balinskas@nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

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(c) If this is a task or delivery order contract, the ombudsman shall review complaints from contractors and ensure they are afforded a fair opportunity to be considered, consistent with the procedures of the contract.

(End of clause)

[End of Section]

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JSC ENABLING TECHNOLOGY AND SECURITY

SECTION J

ATTACHMENT J – 1

AWARD FEE EVALUATION PLAN

ATTACHMENT J-1

AWARD FEE EVALUATION PLAN

I. INTRODUCTION

In accordance with the provisions of the Federal Acquisition Regulation (FAR), and the NASA FAR Supplement and JSC policies, an Award Fee Evaluation Plan is established for evaluation of contractor performance and determination of Award Fees to be earned and payable under this contract. The Award Fee evaluation process is composed of Objective and Subjective assessments by the Government.

The contractor's performance will be evaluated by the Government, in accordance with the procedures set forth below, at the expiration of each period specified in Appendix III; Award Fee Schedule. The evaluations to be performed by the Government will be based on the Government's assessment of the contractor's accomplishment of the various areas of work covered by the Statement of Work and authorized Task Orders, in accordance with the factors, weightings, procedures, and other provisions set forth below.

Award Fee Provisions

Award Fee provisions have been established to motivate the contractor to strive for excellence in technical, managerial, safety and cost performance. For each period, the contractor can earn Award Fee from a minimum of zero dollars to the maximum available Award Fee shown in Appendix III. Changes to these Award Fee provisions will be via a bilateral modification, except for any objective performance metrics, evaluation criteria and weightings that are established unilaterally by the Government. The contractor will be informed of any changes to the evaluation criteria or the weightings prior to the affected Award Fee period.

Each Award Fee evaluation rating is considered to be discrete and final. Unearned Award Fee in a given period is lost and cannot be reassessed or moved into subsequent fee evaluation periods for consideration. An overall performance evaluation and Award Fee determination of zero may be made for any evaluation period when there is a major breach of safety or security as defined in NFS 1852.223-75, Major Breach of Safety or Security.

The Government shall pay fee to the contractor in accordance with the Section G clause G.6 entitled, "AWARD FEE FOR SERVICE CONTRACTS."

General Provisions: Evaluations will be based upon the contractor's safety, technical, and management performance measured against mutually agreed to

objective performance criteria specified in the published plan for each performance period.

Evaluations will also be based upon subjective assessments of the contractor's performance against Associate Contractor Agreement effectiveness, customer satisfaction, and specific Areas of Emphasis (AOE) published for each performance period.

Cost performance will be evaluated based on the contractor's ability to control, adjust, and accurately estimate contract costs (based on estimated costs of authorized task orders) for each Award Fee evaluation period.

In order to earn any Award Fee, the contractor must receive a total numerical rating higher than 60. Appendix I, Numerical Ranges and Adjective Definitions, provides the performance level definition adjective ratings and corresponding numerical scores that will be used in evaluating performance. The numerical grade ranges corresponding to the adjective ratings and their conversion to percent of available Award Fee earned is set forth in Appendix II.

The following rules apply for Cost Control:

- If the contractor's average score for all other evaluation factors is 81 or greater (very good or excellent) and a cost underrun is achieved, the contractor can receive up to the maximum score for cost control, depending on the size of the underrun.
- If the average numerical score for all other factors is 80 or less but at least 61 (good or satisfactory) and an underrun is achieved, a contractor will only be rewarded for the cost underrun as if the contractor had met the estimated contract costs.
- If the average score for the non-cost factors is less than 61, the contractor will receive a score of zero for cost control.

II. ORGANIZATIONAL STRUCTURE

Performance Evaluation Board Integration Team (PEB-IT)

The PEB-IT will be composed of selected NASA technical and administrative personnel and headed by the Contracting Officer's Technical Representative (COTR). The COTR will be the focal point for the accumulation and development of Award Fee evaluation reports, reviews, and presentations, as well as discussions with contractor management on Award Fee matters. The PEB-IT will evaluate the contractor's performance as related to the factors listed in paragraph III below.

The PEB-IT will prepare a 6-month evaluation report for review by the PEB for each evaluation period. This report will include a recommendation to the PEB as to the adjective rating and numerical score to be assigned for the contractor's performance for the period evaluated.

Performance Evaluation Board (PEB)

The PEB will be appointed by the Fee Determination Official (FDO). A PEB, comprised of selected technical and administrative personnel of NASA, will assess the contractor's performance after each evaluation period to determine whether, and to what extent, the contractor's performance during the evaluation period is deserving of the payment of Award Fee. The Board, at the end of each evaluation period, will approve, amend or reject the PEB-IT report. The PEB –IT will prepare a summary of the evaluations for review by the FDO. This summary will include the PEB's recommendation to the FDO as to the adjective rating and numerical score to be assigned for the contractor's performance in the preceding evaluation period.

Fee Determination Official (FDO)

The FDO, a senior NASA official, after considering available pertinent information and recommendations, will make a performance determination for each period in accordance with the provisions of this Award Fee Plan and the Section G clause G.6 entitled, AWARD FEE FOR SERVICE CONTRACTS."

III. EVALUATION PROCEDURES

Award Fee Periods

Each Award Fee period shall be 6 months in length unless otherwise indicated Appendix III. A Surveillance status meeting will be held monthly with Contractor management personnel to discuss contractor performance. The COTR or the Contracting Officer may communicate contractor performance levels at other times during the evaluation period, as well. The purpose of these communications is to discuss any specific areas where the contractor has excelled and areas where future improvement is necessary.

No later than 30 days prior to the start of each Award Fee evaluation period, the contractor may submit to the Contracting Officer recommended objective performance metrics, weightings, and Areas of Emphasis (AOEs) for consideration by the Government to be used for the ensuing evaluation period.

Objective performance metrics and AOEs may be established for each evaluation period by the Government and communicated to the contractor at

least 15 calendar days prior to the start of each evaluation period. The Government may unilaterally change the weightings of the criteria from period to period. However, cost control will not fall below 25 percent.

Contractor Self Evaluation and Submissions

The contractor shall furnish a self-evaluation for each evaluation period. The Contracting Officer must receive the self-evaluation no later than 30 days prior to the end of the period.

The contractor will be furnished a copy of the PEB's findings, conclusions, and fee recommendation after the FDO determination is made. The contractor will be afforded the opportunity to submit for consideration of the FDO: (a) proposed evaluations or conclusions, or (b) exceptions to the evaluations, conclusions, or fee recommendations of the PEB, and (c) supporting reasons for such exceptions or proposed evaluations or conclusions. The contractor's submissions must be made in writing and must be submitted through the Contracting Officer to the FDO within 5 working days from the date of the contractor's receipt of the PEB findings and fee recommendations.

In the event the FDO has not received a submission from the contractor, the performance determination will not be considered final until expiration of the 5-working day period prescribed above for contractor submissions unless the contractor has affirmatively indicated, in writing, that no contractor submission will be made.

The contractor shall submit to the Contracting Officer a Corrective Action Plan (CAP) for any weaknesses as identified by the Government as part of the evaluation. The CAP shall be submitted within 30 working days after the final performance determination for each evaluation period. Corrective Actions will be closed by concurrence from the Contracting Officer and the COTR.

IV. EVALUATION CRITERIA AND WEIGHTINGS

CONTRACT EVALUATION CRITERIA	
	Weightings
I. TECHNICAL	75%

a. Technical <ul style="list-style-type: none"> • Quality • Timeliness • Customer Satisfaction 	
b. Management	
c. Safety	
III. COST CONTROL	25%

APPENDICES:

Appendix I, Numerical Ranges and Adjective Definitions, sets forth the adjective ratings, definitions, and associated numerical ranges to be used to define the various levels of performance under the contract.

Appendix II, Score Conversion Chart

Appendix III, Award Fee Schedule

Appendix I

Numerical Ranges and Adjective Definitions

ADJECTIVE RATING	RANGE OF WEIGHTINGS	DESCRIPTION
Excellent	100 - 91	Of exceptional merit; exemplary performance in a timely, efficient and economical manner; very minor (if any) deficiencies with no adverse effect on overall performance.
Very Good	90 - 81	Very effective performance, fully responsive to contract; contract requirements accomplished in a timely, efficient and economical manner for the most part; only minor deficiencies.
Good	80 - 71	Effective performance; fully responsive to contract requirements; reportable deficiencies, but with little identifiable effect on overall performance.
Satisfactory	70 - 61	Meets or slightly exceeds minimum acceptable standards; adequate results; reportable deficiencies with identifiable, but not substantial, effects on overall performance.
Poor/Unsatisfactory	60 - 0	Does not meet minimum acceptable standards in one or more areas; remedial action required in one or more areas; deficiencies in one or more areas, which adversely affect overall performance.

Appendix II

SCORE CONVERSION CHART

AWARD FEE SCORE	ADJECTIVE RATING	PERCENTAGE OF AVAILABLE FEE
100	EXCELLENT	100%
99		99.0
98		98.0
97		97.0
96		96.0
95		95.0
94		94.0
93		93.0
92		92.0
91		91.0
90	VERY GOOD	90.0
89		89.0
88		88.0
87		87.0
86		86.0
85		85.0
84		84.0
83		83.0
82		82.0
81		81.0
80	GOOD	80.0
79		79.0
78		78.0
77		77.0
76		76.0
75		75.0
74		74.0
73		73.0
72		72.0
71		71.0
70	SATISFACTORY	70.0
69		69.0
68		68.0
67		67.0
66		66.0
65		65.0
64		64.0
63		63.0
62		62.0
61		61.0
60 and below		0.0

1. DRD Title DRD-03 Metrics Reports	2. Date of current version 05/02/2005	3. DRL Line Item No. 03	RFP/Contract No. (Procurement completes) 03JDB001
4. Use (Define need for, intended use of, and/or anticipated results of data) Data used to monitor contractor performance and customer satisfaction.		5. DRD Category: (check one) <input checked="checked" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (Optional) SOW reference: 3.7	7. Interrelationships (e.g., with other DRDs) (Optional)		
8. Preparation Information (Include complete instructions for document preparation)			

- a. Data Type - Type 2 – Mandatory Submittal
- b. Scope - The Contractor shall calculate and report metrics for System Administrator Productivity, System Availability and Customer Satisfaction
- c. Content – Metrics shall be calculated and reported for the following:

System Administrator Productivity: The number of server and network systems administrated by a single system administrator as compared to the number of systems proposed in Section J-7.

System Availability: The percentage of time the server or network system is available for its intended use, excluding facility and network outages, IT incident investigations, and maintenance service not under control of the Contractor. (examples of intended use are: the file server system is available for users to file data, or the web server system is available for web development). System percentage availability shall be as depicted in section J-7 and shall be computed in the following manner: Principal Period of Performance (PPP) less unscheduled outages (UO) quantity divided by Principal Period of Performance ((PPP - UO)/PPP). The contractor shall provide rationale or justification for exceeding or failing to meet the System Availability metric. Problem Response Time shall be as depicted in Section J-7, Hardware Maximum Time to Repair column. The contractor shall provide justification for significantly failing to meet (10% above) the required time.

Customer Satisfaction metrics shall be based on monthly customer surveys. The Contractor shall distribute and collect the surveys to and from every point of contact for each customer. The government will provide customer service forms to the JETS contractor. The contractor shall provide justification for any customer input below good. The contractor shall provide a summary of general comments received, and shall provide a plan for improvement to achieve a rating of good or above. The rating system shall be as follows:

5 = excellent 4 = very good 3 = good 2 = poor 1 = unsatisfactory

- d. Format - Contractor's electronic format is acceptable.
- e. Submission:
 - i. Initial – 60 Days after contract start
 - ii. Final – Upon contract completion
 - iii. Approval -N/A
 - ii. Frequency - Monthly/Inputs due by the last day of each month, with Reports due on the 15th of each month.
- f. Distribution: Contracting Officer, COTR, 1 Electronic Posting as per CO direction and other copies as per CO Letter

9. Maintenance – Revision shall be incorporate by change page or complete reissue.

1. DRD Title DRD-03 Metrics Reports	2. Date of current version 05/02/2005	3. DRL Line Item No. 03	RFP/Contract No. (Procurement completes) 03JDB001
4. Use (Define need for, intended use of, and/or anticipated results of data) Data used to monitor contractor performance and customer satisfaction.		5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (Optional) SOW reference: 3.7	7. Interrelationships (e.g., with other DRDs) (Optional)		
8. Preparation Information (Include complete instructions for document preparation)			

- a. Data Type - Type 2 – Mandatory Submittal
- b. Scope - The Contractor shall calculate and report metrics for System Administrator Productivity, System Availability and Customer Satisfaction
- c. Content – Metrics shall be calculated and reported for the following:

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System Availability: The percentage of time the server or network system is available for its intended use, excluding facility and network outages, IT incident investigations, and maintenance service not under control of the Contractor. (examples of intended use are: the file server system is available for users to file data, or the web server system is available for web development). System percentage availability shall be as depicted in section J-7 and shall be computed in the following manner: Principal Period of Performance (PPP) less unscheduled outages (UO) quantity divided by Principal Period of Performance ((PPP - UO)/PPP). The contractor shall provide rationale or justification for exceeding or failing to meet the System Availability metric. Problem Response Time shall be as depicted in Section J-7, Hardware Maximum Time to Repair column. The contractor shall provide justification for significantly failing to meet (10% above) the required time.

Customer Satisfaction metrics shall be based on monthly customer surveys. The Contractor shall distribute and collect the surveys to and from every point of contact for each customer. The government will provide customer service forms to the JETS contractor. The contractor shall provide justification for any customer input below good. The contractor shall provide a summary of general comments received, and shall provide a plan for improvement to achieve a rating of good or above. The rating system shall be as follows:

5 = excellent 4 = very good 3 = good 2 = poor 1 = unsatisfactory

- d. Format - Contractor's electronic format is acceptable.
- e. Submission:
 - i. Initial – 60 Days after contract start
 - ii. Final – Upon contract completion
 - iii. Approval -N/A
 - ii. Frequency - Monthly/Inputs due by the last day of each month, with Reports due on the 15th of each month.
- f. Distribution: Contracting Officer, COTR, 1 Electronic Posting as per CO direction and other copies as per CO Letter

9. Maintenance – Revision shall be incorporate by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Date of current version	3. DRL Line Item No.	RFP/Contract No.
DRD-04 Resource Management Plan	10/24/07 (MOD 75)	4	03JDB001/NNJ04JA53C (MOD 75)
4. Use (Define need for, intended use of, and/or anticipated results of data)			5. Category (Check one)
Contract DRD for NF533 Reporting			<input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References (Optional)		7. Interrelationships (e.g., with other DRDs)	
SOW Reference: 3.0		DRD-20 533 Supplemental report	
8. Preparation Information (Include complete instructions for document preparation).			

Data Type – 1 Written Approval

Scope:

The NASA Form 533 (NF533) reports provide data necessary for the following:

1. Projecting costs and hours to ensure that dollar and labor resources realistically support project and program schedules.
2. Evaluating contractors' actual cost and fee data in relation to negotiated contract value, estimated costs, and budget forecast data.
3. Planning, monitoring, and controlling project and program resources.
4. Accruing cost in NASA's accounting system, providing program and functional management information, and resulting in liabilities reflected on the financial statements

Cost is a financial measurement of resources used in accomplishing a specified purpose, such as performing a service, carrying out an activity, acquiring an asset, or completing a unit of work or project. NASA Procedural Requirements (NPR) 9501.2D entitled "NASA Contractor Financial Management Reporting," or its most current revision, identifies the cost reporting requirements for a contract.

NASA is required by law to maintain accrual accounting, which requires cost to be reported in the period in which benefits are received, without regard to time of payment. Examples of accrual accounting for common cost elements reported on the NF533 follow:

Cost Elements

Labor

Definitions

Reported to NASA as hours are incurred.

*Equipment &
Materials (commercial
off the shelf)*

Generally reported to NASA when received and accepted by the contractor.

*Manufactured
Equipment*

Defined as any equipment that is produced to specific requirements that make it useless to anyone else without rework. Cost should be reported

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to NASA as the equipment is being manufactured. The straight-line method for estimating accrued costs or the use of supplemental information obtained from the vendor are acceptable methods used to calculate the cost accrual amount.

<i>Leases</i>	Reported to NASA using a proration over the life of the lease.
<i>Travel</i>	Reported to NASA as costs are incurred.
<i>Subcontracts</i>	Actual and estimated costs reported by prime contractors shall include subcontractors' incurred costs for the same accounting period. Where subcontract costs are material, they should be separately identified on NF533 reports. The prime contractor shall include in the total cost of each subdivision of work the accrued cost (including fee, if any) of related subcontractor effort. Subcontractors should, therefore, be required to report cost to the prime contractor, using the accrual method of accounting. If the G&A and fee reported by a subcontractor are at the total subcontractor level, these costs must be allocated to specific subdivisions of work. Data submitted by the subcontractor should be structured similar to the prime contractor's NF533 to enable the prime contractor to properly report to NASA. For Firm Fixed Price subcontracts with a contract value greater than \$500,000, the prime contractor is required to document the methodology used to generate the subcontractor costs reported and provide this information to the Contracting Officer and Center Deputy Chief Financial Officer (Finance).
<i>Unfilled Orders</i>	Reported as the difference between the cumulative cost incurred to date and amounts obligated to suppliers and subcontractors.
<i>Fee</i>	Should be accrued as earned using a consistent and auditable method to determine the amount. For example: an acceptable method would be to use historical data to determine the amount to accrue each month. Fee should be reported on the NF533 following the "Total Cost" line. Award fee must be reported by the following categories: Base Fee, Fee Earned, Interim Fee, Provisional Fee, Potential Additional Fee, and Total Fee. If any of the above fee categories do not pertain, they should not be included in the NF533.
<i>Prompt Payment Discounts</i>	Cumulative cost reported to NASA should be the full incurred cost. The prompt payment discount amount taken should be reported as a separate line item on the NF533 below the cumulative cost amounts for the contract.

The NF533 reports are the official cost documents used at NASA for cost type, price redetermination, and fixed price incentive contracts. The data contained in the reports must be auditable using Generally Accepted Accounting Principles. Supplemental cost reports submitted in addition to the NF533 must be reconcilable to the NF533.

Frequency: (MOD 75)

The due dates for the NF533M report is outlined in Chapter 3 of NPR 9501.2D. The following is a summary of the NF533 due date requirements.

<u>NF533 Report</u>	<u>Due Date</u>
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<i>NF533M</i>	Due not later than 15th day of each calendar month.
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The due dates reflect the date the NF533 reports are received by personnel on the distribution list, not the date the reports are generated or mailed by the contractor. It is critical that the NF533 reports are submitted in a timely manner to ensure adequate time for NASA to analyze and record the cost into the NASA accounting system.

Uncompensated Overtime:

Uncompensated overtime hours worked should be reported on NF533 reports as a separate line item or in the footnotes.

Baseline NF533:

An initial NF533 report is required in the NF533Q format to be used as a baseline for the life of the contract. The initial (baseline) NF533Q report shall be submitted by the contractor within 30 days after authorization to proceed has been granted. The initial report shall reflect the original contract value detailed by negotiated reporting categories and shall be the original contract baseline plan. In addition to the initial (baseline) report, monthly NF533 reporting shall begin no later than 30 days after the incurrence of cost.

Column 7b (planned cost incurred/hours worked for the month) and 7d (cumulative planned cost incurred/hours worked) of the NF533M (Exhibit 1) represent the negotiated baseline plan for the contract. There may not be a relationship between the estimates provided in columns 8 of the NF533M to columns 7b and 7d. Columns 7b and 7d represent the legally binding contract negotiated baseline plan plus all authorized changes.

Short and long-term cost estimates, which include all data entered in columns 8 and 9a on the NF533M report, shall be based on the most current and reliable information available. For Exhibit 1, the annual funding limit (Column 8e) shall reflect the results of the annual budget and content planning processes described in DRD-03, IT Acquisition Planning and any subsequent changes throughout the fiscal year.

Prior period cost adjustments should be reported in column 7a and 7c of NF533M with a footnote discussing the reasons for and amounts of the adjustments.

Monthly NF533 reporting is no longer required once the contract is physically complete, provided the final cost report includes actual cost only (no estimates or forecasts). The contractor must continue to submit monthly NF533 reports as long as estimates for the following period are included. If the final cost of a contract changes after the submission of the "final" contractor cost report, the contractor must submit a revised NF533 report in the month the cost change is recognized.

Hard Copy Format:

The reporting requirements outlined in this DRD shall include the following deliverables found in Section J-2, DRD-05, and Exhibit 1.

NF533M roll up summary for the entire contract where all elements of referenced cost and labor hours shall be shown. (Exhibit 1)

The NF533M forms are shown in the above exhibit and the explanation of the standard elements can be found in NASA Procedural Requirements (NPR) 9501.2D.

Maintenance:

Changes shall be incorporated by change pages or complete reissue with a footnote or attached supplemental narrative describing in detail the change(s) made.

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The attached sample format, Exhibit 1, is an example of the proposed structure and format of the NF533 for this contract and is intended to closely though not exactly represent the final version. This example is not all inclusive and reporting levels may vary from year to year. See sample NF533 format for this contract in *****DRD****, Exhibit 1. Exhibit 1 includes reporting data for both fiscal year and contract year.

Cost Reporting Levels:

Contract Summary:

The contractor shall be required to report costs at a contract summary level. All elements of cost shall be referenced on this document. Exhibit 1 provides a sample of this report.

Details:

Variance Analysis Report:

The contractor shall provide a written variance explanation (monthly estimates versus actuals) with a tolerance of +/- 5%, unless otherwise directed by NASA. This variance explanation shall be provided at the contract level, and submitted with the NF533.

Contract Review Meeting:

The contractor shall support a monthly review of the contract cost and workforce data with the Information Resources Directorate management, Procurement Office, Resources management, and others as required. The contractor shall be required to:

1. Present and explain the data presented on NASA Form 533.
2. Clearly communicate cost and workload variances as reported in the monthly variance analysis report and be able to explain both actuals and expectations.
3. Provide any additional data required to effectively demonstrate the Contractor's cost management effort.

Workforce Reporting

The contractor shall support various workforce exercises requested by the Government. For example, the contractor may be asked to provide the total contract headcount and how this number is split between on-site versus off-site. These exercises typically occur once or twice a year. The exact requirements and schedules will be determined as these exercises occur.

Budget Planning Support

The contractor shall support the Information Resources Directorate Internal Task Agreement (ITA) process. This process is two-fold. Prior to the Program Operating Plan in the spring, the contractor shall provide estimates at the Task Order and Function levels for the next fiscal year. During the summer, IRD will request an update to these estimates, which will then be provided to IRD's customer organizations for the next fiscal year.

The contractor shall support the government in creating an annual cost-operating plan prior to the beginning of each government fiscal year (October 1 – September 30). As part of the annual budget planning, the contractor shall provide cost estimates, technical impact statements, and decision packages as required. The exact support requirements and their schedule will be given when the support task is assigned.

Once the cost plan has been finalized and task orders have been completed, the contractor shall assist the Government in the management of the plan as cost and workload variances occur. The contractor will also be asked to support the Government throughout the life of the contract as it responds to variations in funding levels and technical priorities.

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References:

** NASA Procedural Requirements (NPR) 9501.2D.

In support of this DRD, the Contractor shall provide the following:

1. On a monthly basis, a contract summary page shall be provided where all elements of cost referenced shall be shown.
2. Contractor accounting calendar report:
The contractor shall provide, within 10 days of the contractor start date, the contractor's accounting calendar for each contract year and for each Government fiscal year, which lists accounting month, number of workdays in each month, number of work hours included in each month, and all holidays applicable to the Contractor for the duration of the contract.

Hard Copy Distribution: (MOD 33)

LF6 Cost Accounting (1 hardcopy and 1 electronic copy)
BJ Contracting Officer (1 hardcopy and 1 electronic copy)
LI2 Budget/Program Analyst (1 hardcopy and 1 electronic copy)
IA Technical (1 hardcopy and 1 electronic copy)
Additional Distribution per CO Letter

Electronic NF533 Requirement:

In addition to submitting the NF533M in a hardcopy format, the contractor, upon request, shall submit the NF533 electronically by the same due date as the hardcopy. The data shall be submitted via email using the Government prescribed flat file format (see attached Agency Defined File Format for an example of the layout details) and shall include the following header information from the hardcopy.

<u>Data Element</u>	<u>Description</u>
Contract Number	NASA assigned contract number
Modification Number	Latest definitive Modification Number
Accrual Date	Date the data was generated for
Report Period End Date	Period ending date of the NF533
Operating Days	Number of operating days for the current NF533
Date Received/Submitted	Date the report is submitted
CCR Format	Monthly (NF533M)
Cost Unit of Measure	Unit of measure used to report cost on the report NF533
HR/WYE Unit of Measure	Unit of measure used to report Hours/Work Year Equivalents (WYEs) on the NF533 report
Authorized Contractor Representative	Name of Contractor Approving Officer
Authorized Contractor Representative	Date the NF533 is approved and signed by the
Date Signed	authorized Contractor Representative
Monthly Grand Total Cost Incurred (7a)	Grand Total Actual Monthly cost for the prior month (column 7a on the NF533)
Monthly Grand Total HR/WYE (7a)	Grand Total Actual monthly hours/WYEs for the prior month (column 7a on the NF533)
Monthly Grand Total Cost Planned (7b)	Prior month planned cost (column 7b on the NF533)
Grand Total Cost Incurred ITD (7c)	Grand total contract cost from Inception to Date (ITD) (column 7c on the NF533)
Grand Total Planned Cost (7d)	Grand total planned contract cost (column 7d on the NF533)
Grand Total Estimated Cost (8a)	Grand total current month cost estimate (column 8a on the NF533)
Grand Total Estimated HR/WYE (8a)	Grand total current month HR/WYE estimate (column 8a on the NF533)

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Grand Total Next Month Estimated Cost (8b)	8a on the NF533 Grand total next month cost estimate (column 8b on the NF533)
Grand Total Balance of Contract (8c)	Contract Balance for the remaining estimate to complete
Grand Total Contractor Estimate (9a)	Contractor estimate to complete entire scope of contract
Grand Total Contract Value (9b)	Contractor distribution of contract value by the reporting categories
Grand Total Unfilled Orders Outstanding (10)	Unfilled order outstanding at the end of the reporting period

The flat file will also contain detail information for each Reporting Category (RC). A Reporting Category correlates to a task order, delivery order, or Work Breakdown Structure (WBS) and is the level at which cost is reported. Each RC can have Sub-Reporting Category line items (detailed cost elements) that add up to a RC. **The Contractor is required to coordinate with the NASA Resource Analyst assigned to the contract in order to establish and maintain the Reporting Categories the contractor shall use to comply with this data requirement.** The chart below describes the data elements to be included in this section of the flat file (see attached Agency Defined File Format for specific layout details).

<u>Data Element Name</u>	<u>Description</u>
Reporting Category (RC)	Task, Delivery Order, Work Breakdown Structure
Cost Incurred for Month (7a)	Prior month actual cost incurred for each RC (column 7a on NF533)
HR/WYE Incurred for Month (7a)	Prior month actual HR/WYE incurred for each RC (column 7a on NF533)
Contract prior month planned cost (7b)	Planned cost for prior month for each RC (column 7b on NF533)
Contract ITD cost (7c)	Contract ITD cost for each RC (column 7c on NF533)
Contract planned ITD cost (7d)	Contract planned ITD cost for each RC (column 7d on NF533)
Current month estimated cost (8a)	Cost estimate for the current month for each RC (column 8a on NF533)
Current month estimated HR/WYE (8a)	HR/WYE estimate for the current month for each RC (column 8a on NF533)
Next month estimated cost (8b)	Estimated cost for next month for each RC (column 8b on NF533)
Balance of Contract (8c)	Balance of contract for the remaining estimate to complete for each RC (column 8c on NF533)
Contractor Estimate (9a)	Contractor estimate for the total estimate to complete entire scope of contract for each RC (column 9a on NF533)
Contract Value (9b)	Contract value based upon contract modifications for each RC (column 9b on NF533)
Unfilled orders outstanding (10)	Unfilled orders outstanding at the end of the reporting period for each RC (column 10 on NF533)
Reporting Category level	Used by NASA's accounting system to determine the RC level
Reporting Category Identifier	Identifies if the RC is a actual Reporting Category or a Sub-Reporting

Category

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The flat file shall be saved as a text file with no extension (do not include .txt after the file name) and named in strict accordance with the specific format described in the attached Agency Defined File Format document.

Electronic NF533 Distribution:

Upon CO Direction, E-Mail Account (1 electronic copy)

File names must be provided in a specific format. Each file name will begin with the SAP 2 Character center abbreviation listed below. The contract number and date will be included in the file name as well. Below is a sample file name.

MACFPS001_NAS00-0001_yyyy_mm_dd

SAP 2 Charter Center Abbreviations

Headquarters	HQ	Dryden	DR
Marshall	MA	Goddard	GO
Ames	AM	Stennis	ST
Glenn	GL	Johnson	JO
Langley	LA	Kennedy	KE

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Example File Format

Header (Non-Repeating Segment)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	St Pos	EndPos	Len	Formt
HEADER:									
Record Type	Used by eGate to determine record type	'HD' for Header	Required	Required	RECORD_TYPE	1	2	2	CHAR
Contract Number	Contract Number (1b)	Header field—submitted with CONTRACTOR data or defaulted by interface or extension	Required	Required	CONTRACT_NUMBER	3	12	10	CHAR
	Latest definitive Modification Number(CR8197)				MOD_NUMBER	13	18	6	CHAR
Accrual Date	Date the data was generated for. Used by SAP as part of Oracle table key	Accrual Date. MM01YYYY, where MM is the Accrual Month and YYYY is the fiscal year	Required	Required	ACCRUAL_DATE	19	26	8	DATE MM01YYYY
Report Period End Date	Report Period End Date is a date(2)	Header field—submitted with CONTRACTOR data or defaulted by interface or extension	Required	Required	REP_END_DATE	27	34	8	DATE
Operating Days	Operating days(2).	Header field—submitted with CONTRACTOR data	Required	Optional unless Required by contract	OPER_DAYS	35	40	6	NUMERIC
Date Received	Date Received (1d)	System Date upon which the cost data is loaded into the CCR Extension	Required	Required	DATE_REC	41	48	8	DATE
CCR Format	'M' for Monthly and 'Q' for Quarterly (SIR2047)	Submitted with CONTRACTOR data	Required	Required	CCR_FORMAT	49	49	1	CHAR
Cost Unit of Measure	Cost Unit of Measure (SIR2047)	Submitted with CONTRACTOR data	Required	Required	COST_UOM	50	51	2	CHAR
HR/WYE Unit of Measure	Hour/Work-Year-Equivalent Unit of Measure	Submitted with CONTRACTOR data	Required	Required	HR_WYE_UOM	52	53	2	CHAR

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	St Pos	EndPos	Len	Format
	(SIR2047)								
	Authorized Contractor Representative – Name of Contractor Approving Officer (CR 8197)				AUTH_SIGNATURE	54	78	25	CHAR
	Authorized Contractor Representative Date Signed – Date CCR is approved/signed by authorized contractor representative(CR 8197)				AUTH_SIGNATURE_DATE	79	86	8	DATE MMDDYYYY
Grand Total Cost Incurred Month (7a)	The Grand Total Contract Prior Month Actual Dollars Column 7a reports actual costs for the prior month.	Submitted with CONTRACTOR data	Required.	Optional. Only required if lower detailed line item data is submitted in monthly batch file.	GT_COST_INCUR_MONTH	87	99	13	CURRENCY(2)
Grand Total HR/WYE (7a)	The Grand Total Contract Prior Month Actual Hours Column 7a reports actual HR or WYE for the prior month.	Submitted with CONTRACTOR data	Required if detailed line item data is submitted in monthly batch file.	Required if detailed line item data is submitted in monthly batch file.	GT_HRWYE_PRIOR_MONTH	100	109	10	NUMERIC(1)
	The Grand Total Contract Prior Month Planned Dollars Column (7b) reports planned costs for the prior month. (CR8197)				GT_COST_PLANNED_MONTH	110	122	13	CURRENCY (2)
Grand Total Cost Incurred ITD (7c)	The Grand Total Contract Cost Dollars Column 7c which represents Contract Cost	Submitted with CONTRACTOR data	Required. Does not require detailed line item	Required if detailed line item data is provided	GT_ITD_COST	123	135	13	CURRENCY (2)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	St Pos	EndPos	Len	Formt
	Inception to Date		data if provided from Cost Incurred Month (7a)	for this column					
	Grand Total Contract Planned Cost Dollars Column (7d) which represents Planned Contract Cost Inception to Date(CR 8197)				GT_COST_PLANNED_ITD	136	148	13	CURRENCY (2)
Grand Total Estimated Cost (8a)	The Grand Total Contract Estimated Cost for first upcoming month, or Current Month Estimate for cost.	Submitted with CONTRACTOR data	Required	Required if detailed line item data is provided for this column	GT_EST_COST	149	161	13	CURRENCY (2)
Grand Total HR/WYE (8a)	The Grand Total Contract Estimated Hours for first upcoming month, or Current Month Estimate for HR/WYE.	Submitted with CONTRACTOR data	Required if detailed line item data is provided for this column	Required if detailed line item data is provided for this column	GT_HRWYE_FIRST_MONTH	162	171	10	NUMERIC (1)
Grand Total Next Month Estimated Cost (8b)	The Grand Total Contract Estimated Cost for second upcoming month or Next Month Estimate for cost.	Submitted with CONTRACTOR data	Required if detailed line item data is provided for this column	Required if detailed line item data is provided for this column	GT_NEXT_MONTH_EST	172	184	13	CURRENCY (2)
	Grand Total Balance of Contract for the remaining estimate to complete (CR 8197)				GT_BALANCE_CONTRACT	185	197	13	CURRENCY (2)
	Grand Total Contractor Estimate for the total estimate to complete entire scope of contract (CR 8197)				GT_BALANCE_CONTRACTOR_ESTIMATE	198	210	13	CURRENCY (2)
	Grand Total Contract Value based upon Contract				GT_CONTRACT_VALUE	211	223	13	CURRENCY (2)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	St Pos	EndPos	Len	Formt
	Modifications (CR 8197)								
	Grand Total Unfilled Orders Outstanding at end of reporting period (CR 8197)				ST_UNFILLED ORDERS	224	236	13	CURRENCY (2)

Example File Format

Detail (Repeating Segment)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	St Pos	End Pos	Len	Format
CCR DETAIL LINE ITEMS:									
Record Type	'DM' for Monthly column 7a Detail; 'DQ' for ITD Column 7c Detail	"RD" for Detail	Required	Required	RECORD_TYPE	1	2	2	CHAR
Reporting Category	Reporting Category (6)	Line item field—submitted with CONTRACTOR data	Required	Required	SERV_ORD_CAT	3	26	24	CHAR
Cost Incurred Month (7a)	Prior Month incurred costs (ACTUALS) for given category.	Line item field—submitted with CONTRACTOR data	Required if detailed line item data is not provided from Cost Incurred Month (7c)	Determined by contract requirement-data from Column 7a, 7c or 8a	COST_INCUR_MONTH	27	39	13	CURRENCY (2)
HR/WYE Incurred Month (7a)	Prior month incurred hours worked [Actuals] for given category..	Line item field—submitted with CONTRACTOR data	Optional unless Required by contract for WYE calculation	Optional unless Required by contract for WYE calculation	HRWYE_INCUR_MONTH	40	49	10	NUMERIC (1)
	Contract Prior Month Planned Dollars Column (7b) reports planned costs for the prior month (CR 8197)				COST_PLANNED_MONTH	50	62	13	CURRENCY (2)
	Contract Cost Dollars Column (7c) which represents Contract Cost Inception to Date (CR 8197)				CUR_COST_INCUR_ITD	63	75	13	CURRENCY (2)
	Contract Planned Cost Dollars Column (7d) which represents Planned Contract Cost Inception to Date (CR 8197)				COST_PLANNED_ITD	76	88	13	CURRENCY (2)
Current Month Estimated Cost (8a)	Estimated costs for first upcoming month for given category.	Line item field—submitted with CONTRACTOR data	Required.	Determined by contract requirement-data from Column 7a, 7c or 8a	CUR_MONTH_EC	89	101	13	CURRENCY (2)
HR/WYE Current Month Estimate	Estimated hours for first upcoming month for given category. Will only be needed if labor hours are required to	Line item field—submitted with CONTRACTOR data	Optional unless Required by contract for WYE	Optional unless Required by contract for WYE calculation	HRWYE_CUR_MONTH_EST	102	111	10	NUMERIC (1)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	St Pos	End Pos	Len	Format
(8a)	be submitted electronically per contract.		calculation						
Next Month Estimated Cost (8b)	Estimated costs for second upcoming month for given category.	Line item field—submitted with CONTRACTOR data	Required unless not part of Contract scope	Required unless not part of Contract scope	NEXT_MONTH_EC	112	124	13	CURRENCY (2)
	Balance of Contract for the remaining estimate to complete (8c) (CR 8197)				BALANCE_CONTRACT	125	137	13	CURRENCY (2)
	Contractor Estimate for the total estimate to complete entire scope of contract (9a) (CR 8197)				CONTRACTOR_ESTIMATE	138	150	13	CURRENCY (2)
	Contract Value based upon Contract Modifications (CR 8197)				CONTRACT_VALUE	151	163	13	CURRENCY (2)
	Unfilled Orders Outstanding at end of reporting period (CR 8197)				UNFILLED_ORDERS	164	176	13	CURRENCY (2)
	Used by SAP to determine Reporting Category Level (1.1.2.2.1) (CR 8197)				REPORTING_LEVEL	177	206	30	CHAR
	Fill in an "X" if record is a Reporting Category. Otherwise, leave blank for Sub-Reporting Category Line Items and Element of Cost detail records. This field is used by SAP to determine if the record is a Reporting Category. (CR 8197)				REPORTING_CAT_INDICATOR	207	207	1	CHAR

Example File Format

Sub-Reporting Category Line Items – Repeating Segment

Field Name	Start Pos	End Pos	Length	Format	Variable Repetition (?,*+,n-n)	Description
SUB_RECORD_TYPE	1	2	2	CHAR		'SM' for Monthly column 7a Detail; 'SQ' for ITD column Detail
SUB_REP_CAT	3	26	24	CHAR		Reporting Category
SUB_COST_INCUR_MONTH	27	39	13	CURRENCY (2)		Prior month incurred costs (Actuals) for given category.
SUB_HRWYE_INCUR_MONTH	40	49	10	NUMERIC (1)		Prior month incurred hours worked (Actuals) for given category.
SUB_COST_PLANNED_MONTH	50	62	13	CURRENCY (2)		Contract Prior Month Planned Dollars Column (7b) reports planned costs for the prior month.
SUB_CUR_COST_INCUR_ITD	63	75	13	CURRENCY (2)		Contract Cost Dollars Column (7c) which represents Contract Cost Inception to Date.
SUB_COST_PLANNED_ITD	76	88	13	CURRENCY (2)		Contract Planned Cost Dollars Column (7d) which represents Planned Contract Cost Inception to Date.
SUB_CUR_MONTH_EC	89	101	13	CURRENCY (2)		Estimated costs for first upcoming month for given category (8a).
SUB_HRWYE_CUR_MONTH_EST	102	111	10	NUMERIC (1)		Estimated hours for first upcoming month for given category. Will only be needed if labor hours are required to be submitted electronically per contract (8a).
SUB_NEXT_MONTH_EC	112	124	13	CURRENCY (2)		Estimated costs for second upcoming month for given category (8b).
SUB_BALANCE_CONTRACT	125	137	13	CURRENCY (2)		Balance of Contract for the remaining estimate to complete (8c).
SUB_CONTRACTOR_ESTIMATE	138	150	13	CURRENCY (2)		Contractor Estimate for the total estimate to complete entire scope of contract (9a).
SUB_CONTRACT_VALUE	151	163	13	CURRENCY (2)		Contract Value based upon Contract Modifications (9b).
SUB_UNFILLED_ORDERS	164	176	13	CURRENCY (2)		Unfilled Orders Outstanding at end of reporting period.
REPORTING_LEVEL	177	206	30	CHAR		Used by SAP to determine Reporting Category Level (1.1.2.2.1) (CR 8197).
REPORTING_CAT_INDICATOR	207	207	1	CHAR		Fill in an "X" if record is a Reporting Category. Otherwise, leave Blank for Sub-Reporting Category Line Items and Element of Cost detail records. This field is used by SAP to determine if the record is a Reporting Category. (CR 8197)

Example File Format

533 Agency FILE RECORD LAYOUT (Element of Cost Detail – Repeating Segment (CR8197))

Field Name	Start Pos	End Pos	Length	Format	Variable Repetition (?,*,+,n-n)	Description
RECORD_TYPE	1	2	2	CHAR		'EM' for Monthly column 7a Detail; 'EQ' for ITD column Detail
EOC_REP_CAT	3	26	24	CHAR		Reporting Category
EOC_COST_INCUR_MONTH	27	39	13	CURRENCY (2)		Prior month incurred costs (Actuals) for given category.
EOC_HRWYE_INCUR_MONTH	40	49	10	NUMERIC (1)		Prior month incurred hours worked (Actuals) for given category.
EOC_COST_PLANNED_MONTH	50	62	13	CURRENCY (2)		Contract Prior Month Planned Dollars Column (7b) reports planned costs for the prior month.
EOC_CUR_COST_INCUR_ITD	63	75	13	CURRENCY (2)		Contract Cost Dollars Column (7c) which represents Contract Cost Inception to Date.
EOC_COST_PLANNED_ITD	76	88	13	CURRENCY (2)		Contract Planned Cost Dollars Column (7d) which represents Planned Contract Cost Inception to Date.
EOC_CUR_MONTH_EC	89	101	13	CURRENCY (2)		Estimated costs for first upcoming month for given category (8a).
EOC_HRWYE_CUR_MONTH_EST	102	111	10	NUMERIC (1)		Estimated hours for first upcoming month for given category. Will only be needed if labor hours are required to be submitted electronically per contract (8a).
EOC_NEXT_MONTH_EC	112	124	13	CURRENCY (2)		Estimated costs for second upcoming month for given category (8b).
EOC_BALANCE_CONTRACT	125	137	13	CURRENCY (2)		Balance of Contract for the remaining estimate to complete (8c).
EOC_CONTRACTOR_ESTIMATE	138	150	13	CURRENCY (2)		Contractor Estimate for the total estimate to complete entire scope of contract (9a).
EOC_CONTRACT_VALUE	151	163	13	CURRENCY (2)		Contract Value based upon Contract Modifications (9b).
EOC_UNFILLED_ORDERS	164	176	13	CURRENCY (2)		Unfilled Orders Outstanding at end of reporting period.
REPORTING_LEVEL	177	206	30	CHAR		Used by SAP to determine Reporting Category Level (1.1.2.2.1) (CR 8197).
REPORTING_CAT_INDICATOR	207	207	1	CHAR		Fill in an "X" if record is a Reporting Category. Otherwise, leave Blank for Sub-Reporting Category Line Items and Element of Cost detail records. This field is used by SAP to determine if the record is a Reporting Category. (CR 8197)

Example File Format

Trailer (provides the number of header & detail records sent from the contractor/vendor/center in order to verify the receipt of complete data after transmission)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533 Required/ Optional	OTHER CCR Required/ Optional	Field Name	Start Pos	End Pos	Length	Format
TRAILER:									
Record Type	Used by eGate to determine record type	"TL" for Trailer	Required	Required	RECORD_TYPE	1	2	2	CHAR
Record Count	Count of the number of Detail records sent to process (Detail Only)	Trailer field submitted with CONTRACTOR data	Required	Required	RECORD_COUNT	3	9	7	NUMERIC
	Value of spaces				FILLER	10	207	198	CHAR

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
DRD-09 Wage/Salary and Fringe Benefit Data	10/22/03	9	03JDB001

4. USE (Define need for, intended use of, and/or anticipated results of data)

The Wage/Salary and Fringe Benefit Data will be used by the NASA Contracting Officer and the Contract Labor Relations Office to provide the necessary data for submittal of Standard Form (SF) 98, Notice of Intention to Make a Service Contract and Response to Notice, to the Department of Labor, and to assist in the monitoring of Service Contract Act compliance.

5. DRD Category: <i>(check)</i>	<input type="checkbox"/> Technical	<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> SR&QA
6. References SOW Reference: 3.0	7. Interrelationships (<i>e.g., with other DRDs</i>) (<i>Optional</i>) FAR 52.222-41		

8. Preparation Information (Include complete instructions for document preparation)

a. Data Type – Type 2 Mandatory Submittal

b. Scope –The Wage/Salary and Fringe Benefit Data must be submitted by the Contractor, and any subcontractors which are subject to the provisions of the Service Contract Act, to the Contracting Federal Agency. In accordance with FAR regulations 22.1007 and 22.1008, the Contracting Officer is required to submit a SF 98 to the Department of Labor, Wage and Hour Division.

c. Contents - The Wage/Salary and Fringe Benefit Data should contain the data included in the enclosed DRD forms, titled "Wage/Salary Rate Information", "Fringe Benefit for Service Employees", and "Fringe Benefits per Collective Bargaining Agreement". The Wage/Salary Rate Information shall contain a listing of all exempt and nonexempt labor classifications working on the contract. Separate forms should be utilized for classifications working in different geographic areas and for each subcontractor. Wage determination numbers, appropriation labor organization names, and subcontractor names, must be reflected. All nonexempt labor classifications must be matched to wage determination classes or to Collective Bargaining Agreement (CBA) classifications for represented classes. Annotate exempt or nonexempt and union or nonunion. The current hourly rates should reflect the actual lowest and highest paid employees, along with a computed average rate. State the number of employees working in each category. Separate Fringe Benefit forms should be completed for nonrepresented classifications and for each separate CBA. A separate form must be completed for the prime and each subcontractor. Three copies of each Collective Bargaining Agreement are required.

APPLICABLE DOCUMENTS: None

d. Format: The Wage/Salary and Fringe Benefit Data should be in a format substantially the same as enclosed with this DRD. (Forms 2, 3, and 3A)

e. Submission:

i. Initial – At contract start, end of phase-in

ii. Frequency – Annually, 90 days prior to the anniversary date of the contract required

Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter

BJ2/Contracting Officer

BA2/JSC Contract Labor Relations Officer

9. Maintenance – Revision shall be incorporate by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 2

WORK SHEET FOR SF-98 DATA
WAGE RATE INFORMATION

Submit data in the above-illustrated format for all labor classifications used, or planned to be used, on this contract.
All contractor labor classifications shall be matched to wage determination classes listed in CBA's represented classes
or classes shown in WD 94-2516 for nonrepresented classes.

<u>CONTRACTORS</u> <u>LABOR</u> <u>CLASSIFICATION</u>	<u>WAGE</u> <u>DETERMINATION</u> <u>CLASSIFICATION</u>	<u>EXEMPT OF</u> <u>NONEXEMPT</u>	<u>UNION OR</u> <u>NONUNION</u>	<u>CURRENT</u> <u>HOURLY</u> <u>RATE</u>	<u>MYE NO OF</u> <u>EMPLOYEES</u>
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JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 3
Page 1 of 2

FRINGE BENEFITS PER COLLECTIVE BARGAINING AGREEMENT

For period from _____ to _____

Contractor:

Contract Number:

Number of employees in bargaining unit _____

Total number of employees on contract _____

1. Shift Differential: (Describe any pay over and above base rates for 2nd, 3rd, weekend, or other shifts.)

2. Health and Welfare Items and Other Fringe Items: (Indicate whether or not coverage is provided to employees and state current average hourly cost per employee covered by a Collective Bargaining Agreement.)

Item	Coverage Provided (Yes or No)	Average Hourly Cost
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical and Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition		
j. Other (Describe)		
TOTAL		

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 3
Page 2 of 2

3. Paid Absences:

Service Requirement

Days per Year

- a. Vacation
- b. Holiday
- c. Sick Leave
- d. Jury Leave
- e. Funeral Leave
- f. Military Leave
- g. Other (Describe)

4. Severance Pay: (Briefly describe terms and amounts.)

5. Other Fringe Benefits: (Describe any other fringe benefits not included above, and show average hourly cost.)

6. Premium Pay: (Discuss all premium pay provisions not previously shown on this form.)

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC--STD-123. See work page for instructions.)

FORM 3A

Page 1 of 1

FRINGE BENEFITS FOR SERVICE EMPLOYEES

For Period from _____ to _____

Contractor: _____

Number of nonexempt employees on contract: _____

Total number of employees on contract: _____

1. Health and Welfare Items and Other Fringe Items:
(Indicate whether or not coverage is provided to employees and state current average hourly cost per service employee.)

<u>Item</u>	<u>Coverage Provided</u>	<u>Average Hourly Cost</u>
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical & Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition Reimbursement		
j. Other (Describe)		

2. Paid Absences

	<u>Service Requirement</u>	<u>Days per Year</u>
a. Vacation		
b. Holidays		
c. Sick Leave		
d. Jury Leave		
e. Funeral Leave		
f. Military Leave		
g. Other (Describe)		

Signature of Company Representative

Date

1. DRD Title	2. Date of current version	3. DRL Line Item No.	RFP/Contract No. (Procurement completes)
DRD-07 Contractor Status Report	05/02/2005	07	03JDB001
4. Use (Define need for, intended use of, and/or anticipated results of data) Used to apprise the Government of significant actions, accomplishments, changes and problems associated with the delivery of products, services, and information, as specified under this contract. Also used to provide data for trend analysis and NASA management decision making.		5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (Optional) SOW Reference: 3.0, 3.5.2, 4.3.1	7. Interrelationships (e.g., with other DRDs) (Optional)		

8. Preparation Information (Include complete instructions for document preparation)

- a. Data Type - Type 2 – Mandatory Submittal
- b. Scope - The Contractor shall prepare and submit monthly progress reports documenting the status and progress of the Statement of Work requirements. Interim informal weekly reports will also be submitted and follow the general content guidelines of the monthly report.
- c. Content: The reports shall include, but are not limited to:

CONTRACTOR STATUS REPORT

1. A narrative description of the status of each major area of the contract following the structure of the Statement of Work, including progress toward completion
2. A descriptive summary of all current issues, proposed action for resolution, and status of implementation.
3. A status of action items.
4. A summary of activity planned, including preventive maintenance and renewal of licenses for software and maintenance agreements for hardware, for the next month
5. A summary of preventative maintenance performed during the previous month for server systems.
6. A summary of License Renewal and Maintenance Agreement executed during the previous month.

TECHNICAL COMMUNICATIONS STATUS REPORT (Action Item Database)

The status of all official Contractor/ NASA communications (direction, response, status, transmittals), both electronic and printed, shall be provided in an on-line Technical Communications Status Report. The date that communications were sent or received shall be shown, as well as the projected and actual date of responses to direction. Contractor responses shall cross reference the direction received from the COTR.

- a. Format - Contractor's electronic format is acceptable.
- b. Submission:
 - i. Initial – Contract Start + 30 days
 - ii. Final – Contract Completion
 - iii. Approval – N/A
 - iv. Frequency – Formal Monthly/Inputs due by the last day of each month, with Reports due on the 15th of each month. Informal reports shall be submitted weekly every Monday.
- f. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter Contracting Officer, Contracting Officer Technical Representative and 1 Electronic Posting as per CO instructions
9. Maintenance – Revisions shall be incorporated by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 2

WORK SHEET FOR SF-98 DATA
WAGE RATE INFORMATION

Submit data in the above-illustrated format for all labor classifications used, or planned to be used, on this contract.
All contractor labor classifications shall be matched to wage determination classes listed in CBA's represented classes
or classes shown in WD 94-2516 for nonrepresented classes.

<u>CONTRACTORS</u> <u>LABOR</u> <u>CLASSIFICATION</u>	<u>WAGE</u> <u>DETERMINATION</u> <u>CLASSIFICATION</u>	<u>EXEMPT OF</u> <u>NONEXEMPT</u>	<u>UNION OR</u> <u>NONUNION</u>	<u>CURRENT</u> <u>HOURLY</u> <u>RATE</u>	<u>MYE NO OF</u> <u>EMPLOYEES</u>
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JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 3
Page 1 of 2

FRINGE BENEFITS PER COLLECTIVE BARGAINING AGREEMENT

For period from _____ to _____

Contractor:

Contract Number:

Number of employees in bargaining unit _____

Total number of employees on contract _____

1. Shift Differential: (Describe any pay over and above base rates for 2nd, 3rd, weekend, or other shifts.)

2. Health and Welfare Items and Other Fringe Items: (Indicate whether or not coverage is provided to employees and state current average hourly cost per employee covered by a Collective Bargaining Agreement.)

Item	Coverage Provided (Yes or No)	Average Hourly Cost
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical and Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition		
j. Other (Describe)		
TOTAL		

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 3
Page 2 of 2

3. Paid Absences:

Service Requirement

Days per Year

- a. Vacation
- b. Holiday
- c. Sick Leave
- d. Jury Leave
- e. Funeral Leave
- f. Military Leave
- g. Other (Describe)

4. Severance Pay: (Briefly describe terms and amounts.)

5. Other Fringe Benefits: (Describe any other fringe benefits not included above, and show average hourly cost.)

6. Premium Pay: (Discuss all premium pay provisions not previously shown on this form.)

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

FORM 3A

Page 1 of 1

FRINGE BENEFITS FOR SERVICE EMPLOYEES

For Period from _____ to _____

Contractor: _____

Number of nonexempt employees on contract: _____

Total number of employees on contract: _____

1. Health and Welfare Items and Other Fringe Items:
(Indicate whether or not coverage is provided to employees and state current average hourly cost per service employee.)

<u>Item</u>	<u>Coverage Provided</u>	<u>Average Hourly Cost</u>
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical & Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition Reimbursement		
j. Other (Describe)		

2. Paid Absences

	<u>Service Requirement</u>	<u>Days per Year</u>
a. Vacation		
b. Holidays		
c. Sick Leave		
d. Jury Leave		
e. Funeral Leave		
f. Military Leave		
g. Other (Describe)		

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
DRD-09 Wage/Salary and Fringe Benefit Data	10/22/03	9	03JDB001

4. USE (Define need for, intended use of, and/or anticipated results of data)

The Wage/Salary and Fringe Benefit Data will be used by the NASA Contracting Officer and the Contract Labor Relations Office to provide the necessary data for submittal of Standard Form (SF) 98, Notice of Intention to Make a Service Contract and Response to Notice, to the Department of Labor, and to assist in the monitoring of Service Contract Act compliance.

5. DRD Category: (check	<input type="checkbox"/> Technical	<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> SR&QA
6. References SOW Reference: 3.0	7. Interrelationships (e.g., with other DRDs) (Optional) FAR 52.222-41		

8. Preparation Information (Include complete instructions for document preparation)

a. Data Type – Type 2 Mandatory Submittal

b. Scope –The Wage/Salary and Fringe Benefit Data must be submitted by the Contractor, and any subcontractors which are subject to the provisions of the Service Contract Act, to the Contracting Federal Agency. In accordance with FAR regulations 22.1007 and 22.1008, the Contracting Officer is required to submit a SF 98 to the Department of Labor, Wage and Hour Division.

c. Contents - The Wage/Salary and Fringe Benefit Data should contain the data included in the enclosed DRD forms, titled "Wage/Salary Rate Information", "Fringe Benefit for Service Employees", and "Fringe Benefits per Collective Bargaining Agreement". The Wage/Salary Rate Information shall contain a listing of all exempt and nonexempt labor classifications working on the contract. Separate forms should be utilized for classifications working in different geographic areas and for each subcontractor. Wage determination numbers, appropriation labor organization names, and subcontractor names, must be reflected. All nonexempt labor classifications must be matched to wage determination classes or to Collective Bargaining Agreement (CBA) classifications for represented classes. Annotate exempt or nonexempt and union or nonunion. The current hourly rates should reflect the actual lowest and highest paid employees, along with a computed average rate. State the number of employees working in each category. Separate Fringe Benefit forms should be completed for nonrepresented classifications and for each separate CBA. A separate form must be completed for the prime and each subcontractor. Three copies of each Collective Bargaining Agreement are required.

APPLICABLE DOCUMENTS: None

d. Format: The Wage/Salary and Fringe Benefit Data should be in a format substantially the same as enclosed with this DRD. (Forms 2, 3, and 3A)

e. Submission:

i. Initial – At contract start, end of phase-in

ii. Frequency – Annually, 90 days prior to the anniversary date of the contract required

Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter

BJ2/Contracting Officer

BA2/JSC Contract Labor Relations Officer

9. Maintenance – Revision shall be incorporate by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-10 Reports, Onsite Contractor (Headcount)	2. Date of current version 10/22/03	3. DRL Line Item No. 10	RFP/Contract No. (Procurement completes) 03JDB001
4. Use <i>(Define need for, intended use of, and/or anticipated results of data)</i> Provide NASA with the number of contractors On-site.		5. DRD Category: <i>(check one)</i> <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References <i>(Optional)</i> SOW Reference 3.3	7. Interrelationships <i>(e.g., with other DRDs) (Optional)</i>		

8. Preparation Information *(Include complete instructions for document preparation)*

- a. Data Type – Type 2 Mandatory Submittal
- b. Scope: The Contractor shall report the number of on-site JETS contractors (headcount) by company. This includes all subcontractors, if on site.
- c. Content: Report shall contain the number of on-site contractors and subcontractors (headcount) by company.
- d. Format - Contractor's electronic format is acceptable.
- e. Submission:
 - Initial – 90 Days after contract start
 - Final – Contract Completion
 - Frequency – Last day of each contract quarter or as requested by Contracting Officer
- f. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter
 - Contracting Officer
 - Contracting Officer's Technical Representative
 - 1 Electronic Posting as per CO direction

9. Maintenance – Revisions shall be incorporate by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-11 Performance Management and Capacity Plan	2. Date of current version 10/22/03	3. DRL Line Item No. 11	RFP/Contract No. (Procurement completes) 03JDB001	Deleted: 5/30/02 Deleted: NAS9-BJ2-Z57-02-11P
4. Use (Define need for, intended use of, and/or anticipated results of data) To establish the content and frequency of reporting for systems capacity planning and performance analysis.		5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA		
6. References (Optional) SOW Reference: 3.0	7. Interrelationships (e.g., with other DRDs) (Optional)			Deleted: Section C, ¶ 3.2.1.1.1, 3.2.1.1.2 Deleted: DRD 06 Configuration Management Plan
8. Preparation Information (Include complete instructions for document preparation)				

- a. Data Type – Type 2 Mandatory Submittal
- b. Scope: The Performance Management and Capacity Plan shall be prepared on a quarterly basis for all supported systems.
- c. Content - The plan shall include the following where applicable:
1. By system, a summary of systems performance, including charts depicting observations for the current and previous 3 quarters, and a trend line reflecting anticipated performance for the coming 4 quarters. Performance should be quantified in terms of large and small transactions, as well as end-to-end transaction performance as measured from the end-user workstation to the host or data system.
 2. By system, a summary of resource utilization, including CPU, Disk, Memory, related Equipment (e.g., backup tape systems, offline/nearline storage systems, physical storage space), and network bandwidth (e.g., television distribution network) where applicable, with charts depicting observations for the current and previous 3 quarters and a trend line reflecting anticipated improvements or degradation during the coming 4 quarters.
 3. A discussion of the analysis and findings for any systems that have experienced significant performance anomalies or an increase or decrease in resource utilization relative to the previous month's baseline.
 4. Recommendations for improving any outstanding performance issues or capacity shortfalls.
 5. Recommendations for systems reconfiguration or consolidation that reduce operating costs or improve resource availability.

Performance Management and Capacity Planning applies to systems defined in the Systems Table and Equipment Table.

- d. Format: Contractor's electronic format is acceptable
- e. Submission:
- i. Initial – 30 Days after contract start
 - ii. Final – Contract Completion
 - iii. Frequency - Quarterly
- f. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter
- Contracting Officer
Contracting Officer's Technical Representative
1 Electronic Posting as per CO direction and other copies

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-12 Lessons Learned	2. Current Version Date 01/2001	3. DRL Line Item No. 12	RFP/Contract No. (Procurement completes) 03JDB001
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4. Use (Define need for, intended use of, and/or anticipated results of data)
Obtains Lessons learned from Contractor for possible publication in NASA Lessons Learned Information System (LLIS)
***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

SOW Reference: 3.1

7. Interrelationships (e.g., with other DRDs) (Optional)
DRD-06, paragraphs 2.5.1 and 3.11.2

8. Preparation Information (Include complete instructions for document preparation)

a. Data Type – Type 2 Mandatory Submittal

b. Criteria for Selecting Lessons Learned. Uncommon insight arising from any event or observation that will benefit from sharing with a larger community of interested parties. Lessons learned are intended to prevent recurrence of undesirable events and to allow NASA and its team members to capitalized to the greatest extent practical on unique successes.

c. Content:

Lessons Learned that are considered proprietary or sensitive in nature should be marked as such by the contractor.

Subject - one line subject of the lesson.

Lesson Learned - usually one sentence that describes insight gained

Description of Event - narrative of what happened.

Recommendations - may be an action plan, suggestion, etc., that was adopted at event source.

Supporting documentation - as needed to give clear picture of lesson (photographs, illustrations, drawings, etc.)

Contact name and e-mail address (for follow up by Government prior to publication of lesson)

Definitions. Refer to NASA LLIS at <http://llis.gsfc.nasa.gov/> for definitions of terms used.

d. Format - Contractor's electronic format is acceptable.

e. Submission: 30 days after triggering event or 30 days after mishap investigation or hazard analysis / evaluation is completed

f. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter

NS/Safety and Test Operations Division (1 hard copy and 1 electronic copy including photographs, drawings, etc., in web-ready format such as HTML or JPG)

Contracting Officer's Technical Representative (COTR) (1 copy)

Contracting Officer (CO) (1 copy)

9. Maintenance – Revision shall be incorporate by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-13 Monthly Safety and Health Metrics	2. Current Version Date 04/01 (replaces 01/01 version)	3. DRL Line Item No. 13	RFP/Contract No. (Procurement completes) 03JDB001
4. Use (Define need for, intended use of, and/or anticipated results of data) Establishes selected Safety and Health Program metrics ***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional) SOW Reference: 3.1		7. Interrelationships (e.g., with other DRDs) (Optional) DRD- 06	
8. Preparation Information (Include complete instructions for document preparation) <u>Data Type – Type 2 Mandatory Submittal</u>			

Frequency of submission. Monthly by 10th of month following month being reported.

Distribution

NS/Safety and Test Operations Division (2 copies)
 SD13/Occupational Health Officer (1 copy)
 Contracting Officer's Technical Representative (COTR) (1 copy)

Format: electronic to NT2, SD13; hard copy to COTR. Send as Excel spreadsheet or in tables compatible with MS Word.

Definitions. Refer to JPG 1700.1 and OSHA requirements for definitions of terms below.

Scope. The scope of the information required is limited to the JSC-administered establishments of Houston Texas at NASA Road One; Sonny Carter Training Facility; and Ellington Field.

Content.

I. Management Commitment and Employee Involvement.

Date of Management Safety Committee Meeting		Type/Title of Meeting	No. of Managers attending		No. of supervisors attending		No. of non-supervisory attending	
This month	Year to date		This month	Year to date	This month	Year to date	This month	Year to date

Include electronic copies of minutes or representative information

No. of Employee Safety Meeting		Type/Title of Meeting	No. of Employees attending		No. of managers/supervisors attending	
This month	Year to date		This month	Year to date	This month	Year to date

Include electronic copies of minutes or representative information

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

II. Worksite Analysis. Refer to JPG 1700.1 for definitions of terms.

Division	No. of Hazard Analyses				No. of Job Safety Analyses				No. of Routine Inspections			
	Required		Performed		Required		Performed		Required		Performed	
	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date
Total												

III. Hazard Prevention and Control - hazards below were found during routine and special inspections, close calls, mishap investigations, etc., and require correction.

No. of Hazards found			No. of Hazards closed <30 days			No. of Hazards open <30 days	No. of Hazards open >30 days			No. of Hazards closed >30 days			No. of JF1240s in place
Prior to month	This month	Year to date	Prior to month	This month	Year to date		Prior to month	This month	Year to date	Prior to month	This month	Year to date	

Attach copies (electronic ok if sent by e-mail) of JF 1240's (or equivalent) including monthly updates. Mark JF 1240's where abatement has been completed as closed.

IV. Safety and Health Training - List courses specific to loss control initiatives (such as slips/trips falls, material handling; etc.) Report other training as "Generic safety training not otherwise specified" (examples include Hazard Communication, Confined Space entry, HAZWOPER, system safety, job safety analysis, etc.) Do not include job proficiency course work where safety is an issue (such as radiography, welding, painting, etc.)

Course Title	No. to be Trained	No. Trained	On Schedule

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title	2. Current Version Date	3. DRL Line Item No.	RFP/Contract No. (Procurement completes)
DRD-15 Safety and Health Program Self Evaluation	04/03 (replaces 04/01 version)	15	03JDB001
4. USE (Define need for, intended use of, and/or anticipated results of data) Self evaluation of Contractor's safety and health program performance.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional) JPG 1700.1 (as revised), SOW 3.1		7. Interrelationships (e.g., with other DRDs) (Optional) .	
8. Preparation Information (Include complete instructions for document preparation)			
a. Data Type – Type 2 Mandatory Submittal			
b. Scope - The Contractor must conduct an annual self-evaluation of its safety and health program as required by its safety and health plan.			
c. Content: <ul style="list-style-type: none"> i. The internal assessment of safety and health program effectiveness during the report period (i.e., the previous year) indicating the status of goals or objectives previously established and areas of strength and weakness in Contractor safety program performance. ii. Safety and health concerns and resolutions relating to JSC operations, which may have been identified during the report period. iii. Unresolved safety and health concerns relating to JSC operations which the Contractor feels merit attention of JSC safety and health management. iv. The goals and objectives of the Contractor safety and health program for the next report period. v. An analysis of the contractor's performance at JSC-administered establishments in each of the 32 Voluntary Protection Program sub-elements found in the Federal Register Notice 65:45649-45663, July 24, 2000. vi. Attach action plans for identified problem areas. Action plans must include schedule for periodic progress reports to the Government on a frequency agreed to by the Government and the Contractor for each problem area. 			
a. Format - Format to be as required by the cognizant OSHA regional office. Contractors who have submitted a written self-evaluation as a VPP site may submit their original report to JSC in lieu of writing a new self -evaluation provided that all action plans and status are updated.			
b. Submission: Report due September 30 th of each year.			
c. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter 2 copies to NS/Safety and Test Operations Division 1 copy to SD13/Occupational Health Officer 1 copy to Contracting Officer's Technical Representative 1 copy to Contracting Officer			

DATA REQUIREMENTS DESCRIPTION
(Based on JSC-STD-123. See work page for instructions.)

DRD Title: DRD-16 Reprocurement Data Package	2. Date of Current Version <p style="text-align: center;">01/01/03</p>	3a. DRD No. <p style="text-align: center;">16</p>	3b. RFP/Contract No. <p style="text-align: center;">03JDB001</p>
4. Use (Define need for, intended use of, and/or anticipated results of data) Provide content and format requirements for delivery to NASA of all analytical models, tools, supporting documentation, equipment, data items and resource/cost information used to perform future reprocurement activities. Note: This data may be disclosed to competing offerors in the future			5. DRD Category <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References (SOW, Clause, etc.) SOW Reference 3.0		7. Interrelationships (e.g., with other DRDs)	

8. PREPARATION INFORMATION: The contractor shall prepare the deliverable as follows:

a. DATA TYPE – TYPE 2 MANDATORY SUBMITTAL

b SCOPE: Analytical models, unique tools, supporting documentation, equipment and resource/cost information shall be submitted in accordance with this Data Requirement (DR).

c. CONTENTS:

- A catalog of models and tools provided according to any DR or SOW on this contract shall be developed which contains the following:
 - Unique name of item
 - Version number, revision number, or release date as appropriate
 - Abstract which describes purpose or use of item
 - Location of electronic copy (i.e. VMDB)
- Models and tools to be submitted include:
 - Models and tools developed/used in performance of this contract, but no other DRD shall be delivered in accordance with this DRD.
 - Models which are delivered per requirements contained in any other DR on this contract shall not be redelivered for this DR. However, each shall still be documented appropriately.
- Supporting documentation for the use of each item, including those submitted per other DRDs on this contract where that DRD doesn't require it, shall be submitted. The documentation shall include, at a minimum, the following information:
 - Purpose of the model or tool
 - Inputs required
 - Governing assumptions or constraints, including definition of the Vehicle configuration if pertinent to the model definition or its use
 - Model or tool certification history, including description of validation methods used and results of correlation activities
 - Association with other models
 - For models, necessary tools such as a specific software modeling environment required to operate the model
 - For tools, necessary platforms such as computer processor requirements or operating system limitations
- Data Items, for example, websites and internal work instructions developed for this contract that contains the following:
 - Unique name of item
 - Version number, revision number, or release date as appropriate
 - Abstract which describes purpose or use of item
 - Location of electronic copy (i.e. http://_____)

DATA REQUIREMENTS DESCRIPTION

(Based on JSC-STD-123. See work page for instructions.)

- Data package containing the following:
 - Labor resources:
 - List of all direct labor skills by labor category, segregated by current work breakdown structure (WBS)
 - An estimate of the number of indirect labor skills such as business or computer support normally charged through an indirect expense pool or through a service center expense
 - Current annual average wage rates for each labor category and when these wages were last adjusted for escalation. Also indicate whether any adjustments are projected to be made prior to contract expiration
 - The number of FTEs (Full Time Equivalents) and the estimated number of productive hours for each labor category currently on contract, segregated by current WBS.
 - Seniority level of all skills on the current contract
 - Non-labor resources:
 - List of all materials, equipment, travel, supplies, etc., and the incurred annual cost by WBS
 - Provide a discussion associated with the major items identified above, such as the materials estimate includes a prompt payment discount of TBD% due to large volume discounts you have negotiated with your vendors.
 - The projected liability cost associated with unused accrued paid leave associated with non-exempt personnel. Provide a copy of any Collective Bargaining Agreements in place and a current status of any upcoming negotiations with a union.
 - Equipment (additional information to that listed in #2, a., above):
List of all contractor-owned equipment (at the time of delivery of this DRD) being used in the performance of the contract. The list of equipment shall include:
 - Description of the equipment (include make and model #)
 - Location of the equipment (address, building and room #)
 - Date purchased
 - Purchase price of the equipment
 - Current depreciated value of the equipment

d. **FORMAT:** Electronic format of all submissions shall be compatible with ODIN desktop standard applications. Organizational format of the supporting documentation shall be the contractor's format.

e. **SUBMISSION:**

- i. Initial - 1 year prior to contract end or at the CO's direction.
- ii. Frequency - No periodic submissions required per this DRD (this does not relieve the requirement for periodic or incremental deliveries per other DRDs)
- ii. Final – End of period of performance: submission of current version of all models, tools, and supporting documentation, which have been updated since first submission

f. **DISTRIBUTION:** Distribution specified below plus additional distribution per Contracting Officer's Letter

Contracting Officer, COTR, 1 Electronic Posting as per CO direction, and additional distribution per Contracting Officer's Letter

9. **MAINTENANCE** – All models/tools and data items shall be maintained electronically. All documentation developed to support the use of each model/tool and data items shall also be maintained electronically. Both the models and the supporting documentation shall be updated as necessary to perform the assessments for which they were developed.

10. **REMARKS:** It is only intended that unique models and tools developed for the JETS Program be delivered per this DR. Unmodified commercially available tools should not be delivered, but must be referenced in the supporting documentation.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-18 FACILITY LAYOUT DRAWINGS	2. Date of current version 03/01/06	3. DRL Line Item No. 18	RFP/Contract No. (Procurement completes) NNJ04JA53C
4. Use <i>(Define need for, intended use of, and/or anticipated results of data)</i> Facility Layout Drawings will be used for planning removal and installation of systems as well as personnel relocation within the Building 46, Computer Systems Facility.		5. DRD Category: <i>(check one)</i> <input checked="checked" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References <i>(Optional)</i> SOW Reference: 3.5.1	7. Interrelationships <i>(e.g., with other DRDs) (Optional)</i>		
8. Preparation Information <i>(Include complete instructions for document preparation)</i>			
a. Data Type – Type 2 Mandatory Submittal b. Scope -The contractor shall develop and make available electronic and hard copy facility layout drawings of the three (3) floors that comprise building 46. The contractor shall conduct weekly inspections (walk-through) of building 46 to determine modifications to the facility. Modifications observed during the weekly inspections, shall be compiled and documented in the electronic and hard copy layouts. The contractor shall also develop power distribution drawings that the power distribution units, uninterruptible power supplies, and the electrical grid system in building 46 c. Contents –Facility Layout Drawings shall include the following: i. The location of server systems contained in the second and third floors. Envelope type representations of the servers, server racks, or desktops shall be depicted. ii. Room number and generic room name shall identify the location of offices, conference rooms, and rest areas. The tenants' directorate name, and the name of the contractor (if tenant is a contractor) shall be identified for offices. For tenant contractors, the name of the contractor project manager and the COTR shall be identified in the legend section of the drawing iv. Room number and the title "mechanical room" shall be used to identify the location of the mechanical rooms. Systems within the mechanical room; e.g., uninterruptible power supply, shall be identified in envelope-type representations. v. The Powerbus field in the Hardware table of the IT Inventory database shall contain the UPS number, PDU number, and circuit number in the format "UPS#-PDU#-Circuit#" (e.g. UPS1-3PDU4-14) for each rack in building 46, 2nd and 3rd floors. If multiple circuits support a rack, separate them with a comma. In addition, for systems managed by JETS, each device in the rack will also have the Powerbus field populated using the same format. d. Format - Hard copy facility drawings shall be drawn on "E" size drawings. Electronic drawings shall be posted to a website to be designated by the COTR, and viewable using JSC standard desktop software. e. Submission: Hard Copy Facility Layout Drawings: i. Initial – 30 Days after contract start ii. Final – Contract Completion iii. Frequency – Every Month if there are changes. Electronic Facility Layout Drawings: i. Initial – Contract Start Date + 90 Days ii. Final – Contract Completion iii. Frequency – Every 30 Days			

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

IT Inventory Database Powerbus Field Updates:

- i. Initial - 30 days after contract mod
- ii. Final - Contract Completion
- iii. Frequency - Within 7 calendar days of change

- f. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter
Hard Copy Facility Layout Drawings – 1 copy each to the Contracting Officer's Technical
Representative, the Facility Manager and the Line Manger in charge of Building 46.
Electronic Facility Layout Drawings - Electronic drawings shall be posted to a website to be designated by the
COTR.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-19 Physical Inventory Plan	2. Date of current version 10/22/03	3. DRL Line Item No. 19	RFP/Contract No. (Procurement completes) 03JDB001
4. Use (<i>Define need for, intended use of, and/or anticipated results of data</i>) The contractor shall conduct periodic physical inventories to verify the existence of hardware and software components		5. DRD Category: (<i>check one</i>) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (<i>Optional</i>) SOW Reference: 3.6	7. Interrelationships (<i>e.g., with other DRDs</i>) (<i>Optional</i>)		

8. Preparation Information (*Include complete instructions for document preparation*)

- a. Data Type – Type 2 - Mandatory Submittal
- b. Scope - The Plan shall describe the manner in which the Contractor shall conduct physical inventories of server systems, software and their components.
- c. Content - The contractor shall conduct a physical inventory of all systems, software, and system components. The contractor shall use the lists depicted in sections J-8 and J-10 as the starting point for the physical inventory. The contractor shall coordinate with the appropriate JSC property administrator, JB3, when conducting the physical inventory. The contractor shall document the physical inventory findings using the format of its choosing, but must include the following categories: Equipment or software Name, System Name, Equipment Owner Organization (e.g., EA, IRD), Equipment Responsible Individual (i.e., the name of the individual), Manufacturer, Model, Serial #, Equipment Description, NEMS Tag #, Building #, Room#. The contractor shall provide the report on-line in a location as directed by the CO. The physical inventory shall be completed in accordance to the following schedule: First instance, 30 days after initiation of the contract, all other instances, on July 30th of every year of the contract. The report due every July 30th shall be based on physical counts completed by June 30th.
- d. Format – Contractor's electronic format is acceptable.
- e. Submission -
 - i. Initial – Plan due at start of phase-in. Inventory complete at contract start.
 - ii. Final – Upon contract completion
 - iii. Approval – N/A
 - iv. Frequency – As required (see above)
- f. Distribution – Contracting Officer, COTR, 1 electronic posting as per CO direction, and other copies as per CO letter

9. Maintenance – Revision shall be incorporated by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

1. DRD Title DRD-20 533 Supplemental Report (Resource Management Plan)	2. Date of current version 10/24/06	3. DRL Line Item No. 20	RFP/Contract No. (Procurement completes) 03JDB001
4. Use (Define need for, intended use of, and/or anticipated results of data) Contract DRD for Supplemental Cost Reporting		5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (Optional) SOW Reference: 3.0	7. Interrelationships (e.g., with other DRDs) (Optional) DRD-04 Resource Management Plan		
8. Preparation Information (Include complete instructions for document preparation)			

Data Type - Type 1 Written Approval

Scope:

The Supplemental Cost Reports and variance report are used for the same purposes as the NF533, but are at a more detailed level by Task Order and contract Work Breakdown Structure (WBS) or major system and their description Definitions:

Full Time Equivalent (FTE) – reflects productive hours worked. A FTE is calculated by dividing actual hours worked by the base hours (i.e., 2080 hours adjusted for leave, holidays, etc.)

Costs – labor and materials costs will be “loaded” costs and include applicable amounts for indirect costs, overhead, and fees accrued. Subcontractors’ costs should be included in the labor and materials costs, as appropriate. “Other” costs include miscellaneous items such as travel and training.

Government Fiscal Year (GFY) – the time period from October 1 through September 30.

Details:

The reports require detailed data in the following categories by Task Order and contract WBS or major system.

- a. FTEs for current month (actuals) and next month’s estimates
- b. Cost: Current month (actuals) and next month’s estimates beginning with Fiscal Year (FY) 2007 shall be reported by cost element in the following format for each WBS and/or major system title with a rollup summary for each Task Order:
 - i. Prime labor
 - ii. Sub labor
 - iii. Total Labor
 - iv. Supplies
 - v. Travel
 - vi. Training
 - vii. Equipment/Maintenance
 - viii. Total Other Direct Cost
 - ix. Total Cost
 - x. Fee
 - xi. Total Cost with Fee
- c. Cumulative actual Government Fiscal Year (GFY) costs to date and cumulative actual contract costs to date.
- d. GFY Estimate to Complete (ETC), or a cost estimate for the remainder of the fiscal year

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD-123. See work page for instructions.)

A detailed variance report is required at the same detail level. See Exhibit Z-R1 for Format. Data includes: task order number, WBS or major number, description, task value, cumulative costs (including prior year actual, GFY actual to-date, GFY ETC estimate, and total costs), and the difference between task value and total costs. An explanation is required for variance of +/-10% or more for each task, and any potential problem or issue must be explained. This threshold can be changed at the direction of NASA.

The supplemental cost report Totals must reconcile to the NF533 for all actual and estimated FTE's and cost Totals.

Submission:

- i. Initial: 30 days after phase-in begins (report format only)
- ii. Final: Contract completion
- iii. Approval: Prior to contract start (report format only)
- iv. Frequency: Monthly - The due date for the supplemental cost reports shall not be later than the 15th calendar day of the month. When the 15th calendar day falls on a weekend or holiday, the report shall be due the previous business day.

The due dates reflect the date the supplemental cost reports are received by personnel on the distribution list, not the date the report is generated or mailed by the contractor. It is critical that the reports are submitted in a timely manner to ensure adequate time for NASA to analyze and record the cost into the NASA accounting system. All data should also be provided electronically in Microsoft Excel format.

Distribution:

One complete file copy of the NF533 shall be electronically deposited into a secured electronic system or made available by the contractor for NASA capture via a secured server on a monthly basis on or before the due date.

In addition, the following distribution must be made on a monthly basis:

BJ Contracting Officer - 1 hard copy
LI2 Budget/Program Analyst - 1 hard copy
IA Technical 1 hard copy
Additional Distribution as per CO Letter

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC-STD 123 See work page for instructions)

1. DRD Title DRD-21 Server Backup, Restore, & Tape Usage Report	2. Date of current version 08/17/05	3. DRL Line Item No. 21	RFP/Contract No. (Procurement completes) NNJ04JA53C
4. Use (Define need for, intended use of, and/or anticipated results of data) Used to monitor the backup and restore services for all servers and systems, plus tape usage under this contract. Also used to provide data for trend analysis and NASA management decision making.		5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	

8. Preparation Information (Include complete instructions for document preparation)

- a. Data Type - Type 2 – Mandatory Submittal
- b. Scope - The Contractor shall prepare and submit monthly progress reports documenting the status and progress of backing up all servers, and systems under this contract. The Contractor shall also provide a report of backup tape usage over 1 month period. Interim informal weekly reports will also be submitted and follow the general content guidelines of the monthly report. See attachment DRD21 – part 2, and part 3 for detail.
- c. Content: The reports shall include, but are not limited to:

CONTRACTOR STATUS REPORT

1. Provide total number of servers being backed up, number of servers not being backed up, number of servers or systems don't need to backup, and number of servers or systems can't backup. A narrative description of the status of servers and systems that not being backed up, don't need to backup, and can't backup.
2. Provide total numbers of "Successful" and "Failure" of incremental, full, and DR backup jobs. A narrative description of the "Failure" backup job.
3. Provide total number of "Successful" and "Failure" servers and systems being restored, restoration rate, and time. A narrative description of the "Failure" restore job.
4. Provide total numbers of tape usage in type of media. Such as LTO1, LTO2, or LTO3.
5. A descriptive summary of all current issues, proposed action for resolution, and status of implementation.
6. A status of action items.
7. A summary of activity planned, including preventive maintenance for the next month.

TECHNICAL COMMUNICATIONS STATUS REPORT (Action Item Database)

The status of all official Contractor/ NASA communications (direction, response, status, transmittals), both electronic and printed, shall be provided in an on-line Technical Communications Status Report. The date that communications were sent or received shall be shown, as well as the projected and actual date of responses to direction. Contractor responses shall cross reference the direction received from the COTR.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)
(Based on JSC –STD-123. See work page for instructions.)

- d. Format - Contractor's electronic format is acceptable.
 - e. Submission:
 - i. Initial – 30 days after task order start
 - ii. Final – Contract Completion
 - iii. Approval – N/A
 - iv. Frequency – Formal reports shall be submitted monthly. The cutoff date for inputs to monthly reports shall be the 23rd of each month with submittals on the 30th of each month (February 28th). Informal reports shall be submitted weekly every Monday.
 - f. Distribution: Distribution specified below plus additional distribution per Contracting Officer's Letter Contracting Officer, Contracting Officer Technical Representative and 1 Electronic Posting as per CO instructions
9. Maintenance – Revisions shall be incorporated by change page or complete reissue.

[illegible]

Number of Servers Being Backed Up Weekly	150	
Number of Servers Not Being Backed Up	2	ecfh1, ecfh2
Total	152	
List of servers included in report	UUMS14, UUMS15, DDMS14, ins-scanner01, ins-scanner02, jsc-ird-remdc1, jsc-ird-remdc2,	

Backup Jobs	Successful	Failure	Reason for Failure
Number of backup jobs (Full)			See Below
Number of backup jobs (Incremental)			See Below
Number of backup jobs (DIA)			See Below
Restore Jobs	Successful	Failure	Reason for Failure
Number of Restore Request			

Total Data Restore in MB	14985.4
Restoration Rate: Data backed up within the last 14 days	849
Restoration Rate: Data backed up b/t 15 days to 30 days ago	0
Restoration Rate: Data backed up more than 30 days ago	0

System Name	Error Code - Explanation	Rerun Success	Notes
mission	98 - Error requesting m	Yes	
atlas	98 - Error requesting m	Yes	
aidos	98 - Error requesting m	Yes	
hyperion	98 - Error requesting m	Yes	
hyperion-1	98 - Error requesting m	Yes	
nfruit	98 - Error requesting m	Yes	
atropos	98 - Error requesting m	Yes	
backdoor-sdw	98 - Error requesting m	Yes	
backdoor-dev	98 - Error requesting m	Yes	
jsc-ip-nas1	98 - Error requesting m	Yes	
iso-scanner01	98 - Error requesting m	Yes	
appserver	98 - Error requesting m	Yes	
dbserver	98 - Error requesting m	Yes	
jsc-it-vms1	98 - Error requesting m	Yes	
images1	41 - Network connecti	No	Admin working problem (no successful run before the end of this reporting period)
im-its-lap02	41 - Network connecti	No	Admin working problem (no successful run before the end of this reporting period)
ora01a-priv	96 - Unable to allocate	Yes	
jsc-ird-fs03a	41 - Network connecti	No	Admin working problem (no successful run before the end of this reporting period)
jsc-ird-fs01a	156 - Snapshot error er	Yes	
jsc-aa-cr945-s1	41 - Network connecti	No	Admin working problem (no successful run before the end of this reporting period)
jsc-aa-cr945-s2	41 - Network connecti	No	Admin working problem (no successful run before the end of this reporting period)
jsc-ird-fs02b	41 - Network connecti	No	Admin working problem (no successful run before the end of this reporting period)

DRD-21 Part 2

Number of Servers Being Backed Up Weekly	4
Number of Servers Not Being Backed Up	0
Total	4
List of servers included in report	jsc-ird-dev6, jsc-ird-dev7, jsc-ird-sqldev, jsc-ird-appsdev

Backup Jobs	Successful	Failure	Reason for Failure
Number of backup jobs (Full)			See Below
Number of backup jobs (Incremental)			See Below
Number of backup jobs (DR)			
Restore Jobs	Successful	Failure	Reason for Failure
Number of Restore Request			

Total Data Restore in MB	0
Restoration Rate: Data backed up within the last 14 days	0
Restoration Rate: Data backed up b/w 15 days to 30 days ago	0
Restoration Rate: Data backed up more than 30 days ago	0

Lab Backup system:
JSC-ISD-LAB-BK1

Total Number of items on DRD03 as of June 2006
Total Number of items that should not be counted from DRD03
Total number of servers included in Backup report that do not appear on DRD03
Number of Appliances
Total number of equipment that should be on the Backup Report

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ecfai, ecfa5, ecfa6, ecfa7, ecftest, etm1, ifmdw, cfodw, jsc-ird-ad03, london-dev, ddms0, ddms1, ddms2, ddms4, ddms5, ddms6, dilqc, dil50, nasa-pc6, jsc-ird-plot01, jsc-ird-plot02, jsc-isd-srch3, Laptop DOLCH #1987840, jsc-qflow, jsc-qconsole, NTP Server Dev (off unless NTP server dies)(no hard drive), web proxy server, JSC-IT Security (Robert Delancy's workstation) (backed up by Delancy), jsc-isd-ra1, Special-Purpose Firewall, jsc-im-alamo, jsc-im idpms, Backup Firewall Log Server, IPSec VPN Server (Primary), RaptorMobile-EC VPN Server, ISS RealSecure Event Collector Server (monastario), ISS RealSecure Network Sensor (SIP), NFR NID Central Management Server (CMS) nfrnid, NTP Server, SafeSuite, Secure Server, AI-ITS-NTW3, ISS mgt console, ISS mgt console, SiteProtector mgt console, SiteProtector mgt console, DDMS3-(Former)

jsc-ird-remdc1, jsc-ird-remdc2, jsc-ird-genesis, vbrickvod, im-its-lap01, im-its-lap02, jsc-ird-sqldev

XP512, Dell PowerVault 1105 Tape Backup, NetOptics Tap 8 port, NetOptics Tap 4 port, NetOptics Tap 8 port, Niksun NetDetector 2U Appliance #1653757, Niksun NetDetector2U Appliance #1653757, NAI S4000 Model EG2S Gigabit Sniffer #2084661, NAI S4000 Model EG2S Gigabit Sniffer #2084660, NAI S4000 Model EG2S Gigabit Sniffer #2140708, IPAQ Pocket PC Wireless Network Sniffer NAI Corp #1650925, ADP NAI 10/100 Sniffer POD #1987868, ADP NAI 10/100 Sniffer POD ET02NA-PRO #1987867, ADP NAI fddi Sniffer POD #1987755, ADP NAI fddi Sniffer POD #1987756, Tape Library, Tape Library, inner firewall primary, inner firewall secondary, iss proventia PIP, iss proventia PSNA, iss proventia SIP, iss proventia wireless, neoteris master, neoteris slave, NFR PSNA, NFR SIP, NFR URL Logs, outer firewall primary, outer firewall secondary, Backup/Development Firewall, NFR NID Network Sensor (ISOCORE46), NFR NID Network Sensor (INSCORE46), NFR NID Network Sensor 33 (JSCMAN), NFR NID Network Sensor (PIP),

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CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	# of Files Backed Up	Amount of Data Backed Up (In Kbs)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-fmd-price01	60768	9265082	8.8	Yes
jsc-fmd-price02	60051	11631253	11.1	Yes
jsc-ps-ifmp	23308	2455569	2.3	Yes
jsc-ird-ifmdw	20499	2417225	2.3	Yes
etm1	74786	18252555	17.4	Yes
jsc-la-1	18696	2855112	2.7	Yes
jsc-la-2	18414	3761091	3.6	Yes
jsc-la-iemdw	57568	5386425	5.1	Yes
jsc-ird-cisan01	50475	18956307	18.1	Yes
jsc-ird-apps01	37906	7156490	6.8	Yes
jsc-ird-apps02	95371	24516799	23.4	Yes
jsc-ird-apps03	21118	3802198	3.6	Yes
jsc-ird-appstg	31739	3154676	3.0	Yes
jsc-aa-cr945-s1	93504	57435311	54.8	Yes
jsc-aa-cr945-s2	16737	3132666	3.0	Yes
jsc-ird-ad01	15147	1705397	1.6	Yes
jsc-ird-ad02	14748	1426404	1.4	Yes
jsc-isd-vid02	49903	3253293	3.1	Yes
jsc-rem-dev-ars	60936	9943775	9.5	Yes
jsc-rem-dev-ctx	40262	5863319	5.6	Yes
jsc-rem-stg-ars	42764	7208283	6.9	Yes
jsc-rem-stg-ctx	59975	7411116	7.1	Yes
jsc-ird-genesis	21218	2145370	2.0	Yes
jsc-ird-csd1	21912	27445700	26.2	Yes
jsc-ird-csd2	20676	2375059	2.3	Yes
jsc-rem-sql1	49524	117495189	112.1	Yes
jsc-rem-sql2	348665	4072238	3.9	Yes
jsc-ird-fs01b	554346	164851315	157.2	Yes
DDMSC1(K)	917416	167951942	160.2	System Offline
DDMSC1(L)	296938	105302704	100.4	System Offline
DDMSSQL1	11083	31527393	30.1	System Offline
ddms1	31343	2077659	2.0	System Offline
ddms2	125723	5521078	5.3	System Offline
ddms0 - remove next month	181679	11647288	11.1	System Offline
ddms15	390354	17751250	16.9	Yes
ddms16	84590	6505016	6.2	Yes
jsc-ird-ddmsn2	1114931	24563488	23.4	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	# of Files Backed Up	Amount of Data Backed Up (in Kbs)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
ddms9	208273	6312430	6.0	Yes
jsc-it-projcd1	14682	1334514	1.3	Yes
jsc-it-projcp1	14561	1331629	1.3	Yes
jsc-it-pddata	14753	1337622	1.3	Yes
jsc-ifs-02	1585801	577659553	550.9	Yes
jsc-sql1	72163	8718988	8.3	Yes
jsc-sql2	64035	71814938	68.5	Yes
jsc-isd-pm1	34948	8090023	7.7	Yes
jsc-isd-pm2	21492	8371255	8.0	Yes
jsc-isd-openmgr	80183	12736759	12.1	Yes
mcs	26101	2299941	2.2	Yes
nasapost1	59036	16456231	15.7	Yes
nasapost2	24279	7440305	7.1	Yes
jsc-post-dc01	7764	565855	0.5	Yes
jsc-post-dc02	7617	423705	0.4	Yes
sti-pdc2	4843	247591	0.2	Yes
jsc-ird-remdc1	22874	3648906	3.5	Yes
jsc-ird-remdc2	15478	2191614	2.1	Yes
jsc-isd-gra01	142926	83129371	79.3	Yes
jsc-isd-gra04	214939	352821602	336.5	Yes
jsc-ird-lib100	773364	208462571	198.8	Yes
jsc-ird-lib200	39157	12034783	11.5	Yes
jsc-isd-lib15	51854	6244486	6.0	Yes
ddms7	28662	3495506	3.3	Yes
jsc-ird-vod01	16334	2621550	2.5	Yes
solarwinds	42908	33032834	31.5	Yes
jsc-it-vms2	16676	1622048	1.5	Yes
jsc-rem-prd-ars-priv	61983	16116185	15.4	Yes
jsc-rem-prd-ctx-priv	59973	7411097	7.1	Yes
jsc-ird-fs01a	38459	4262992	4.1	Yes
jsc-ird-csp01	16249	52915669	50.5	Yes
jsc-ird-csp02	16812	5036945	4.8	Yes
jsc-it-flex1	23058	1484707	1.4	Yes
jsc-it-flex2	18172	1437060	1.4	Yes
jsc-it-flex3	18305	1498310	1.4	Yes
jsc-ird-vid03	48677	1096088900	1045.3	Yes
jsc-ird-vid04	26727	2256547	2.2	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Linux/Solaris Clients	# of Files Backed Up	Amount of Data Backed Up (In Kbs)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
ddms12	498322	19771616	18.9	Yes
ddms13	648679	42837664	40.9	Yes
ddms14	330773	13708000	13.1	Yes
ddms3-priv	951421	1312512192	1251.7	Yes
ddms3(2)-priv	2551249	770026400	734.4	Yes
jsc-ird-ddmss1	484538	16181248	15.4	Yes
jsc-ird-ddmss2	337901	16372832	15.6	Yes
jsc-it-web01a	704035	322843296	307.9	Yes
jsc-it-web01b	252801	14521792	13.8	Yes
jsc-ird-doors	210268	8388832	8.0	Yes
jsc-ird-ddmss3	454762	17884064	17.1	Yes
jsc-ird-ddmss4	455181	17973472	17.1	Yes
jsc-ird-ddmss5	456886	18138656	17.3	Yes
jsc-ird-ddmsp5	453990	17959072	17.1	Yes
jsc-ird-ddmsp6	454092	17875072	17.0	Yes
jsc-ird-ddmsp7	454108	17874944	17.0	Yes
jsc-ird-ddmsi1	456441	17421376	16.6	Yes
jsc-ird-ddmsi2	455666	18017472	17.2	Yes
jsc-ird-ddmsa1	435807	37457824	35.7	Yes
jsc-ird-ddmsa2	944432	39082912	37.3	Yes
appdev-priv	718468	308991648	294.7	Yes
edcc-dev	507109	89507872	85.4	Yes
edcc1	269399	39555488	37.7	Yes
edcc2	158879	44821888	42.7	Yes
images1	1149857	410353472	391.3	Yes
jsc-ird-ddms-dev1	281801	6917184	6.6	Yes
jsc-ird-uwebdv1	220048	5295968	5.1	Yes
jsc-ird-uwebdv2	141245	5515968	5.3	Yes
jsc-ird-uweb	387582	117715200	112.3	Yes
lift	352406	16431200	15.7	Yes
bb4	244343	4136512	3.9	Yes
zowe	197352	2873440	2.7	Yes
jsc-it-bak01a	190000	5935040	5.7	Yes
jsc-it-bak01b	191892	7588864	7.2	Yes
jsc-it-bak01	0	32	0.0	Yes
jsc-ird-fs02a	8920826	1552321024	1480.4	Yes
jsc-ird-fs02b	142567	6795922	6.5	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Linux/Solaris Clients	# of Files Backed Up	Amount of Data Backed Up (In Kbs)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
ora01a-priv	334880	1174430144	1120.0	Yes
ora01b-priv	446270	383765504	366.0	Yes
ddmsp1-priv	441301	26724224	25.5	Yes
ddmsp2-priv	270987	28932608	27.6	Yes
jsc-ird-ddmsp3	271344	26346208	25.1	Yes
ddmsp4-priv	270699	22771360	21.7	Yes
jsc-it-ecf1	564730	26275872	25.1	Yes
jsc-it-ecf2	602311	33444512	31.9	Yes
vbrickvod	16329	2620882	2.5	Yes
stic	111154	9678752	9.2	Yes
ston	326065	12466848	11.9	Yes
images2	4329082	1091245408	1040.7	Yes
images2-2	253803	1109418556	1058.0	Yes
jsc-it-frog	241674	83642976	79.8	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Security Clients	# of Files Backed Up	Amount of Data Backed Up (In Kbs)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
appserver	54280	101828275	97.1	Yes
dbserver	48367	8033610	7.7	Yes
ins-scanner01	30193	12204644	11.6	Yes
ins-scanner02	37503	9683856	9.2	Yes
inscore46	17145	5917912	5.6	Yes
isocore46	17682	7222583	6.9	Yes
pip	23675	5809129	5.5	Yes
jscman	23285	2382997	2.3	Yes
linux ins scanner	157436	4997856	4.8	Yes
Netcontext-CA	18024873	199225664	190.0	Yes
Netcontext NTR	309660	33824416	32.3	Yes
jsc-isd-pptp	27845	4585017	4.4	Yes
jsc-isd-pptpdev	13246	2038267	1.9	Yes
linux iso scanner	189817	2311104	2.2	Yes
mission	298141	879648064	838.9	Yes
atlas	54501	1824576	1.7	Yes
aidos	73233	12316576	11.7	Yes
hyperion	152284	78905600	75.3	Yes
hyperion-1	152715	108167392	103.2	Yes
nfrurl	81500	34085696	32.5	Yes
backdoor-sdw	207491	67443680	64.3	Yes
backdoor-dev	389147	232206272	221.4	Yes
atropos	89601	4591040	4.4	Yes
jsc-ip-nas1	541013	492635889	469.8	Yes
themis	93751	133219584	127.0	Yes
jsc-it-vms1	20100	2763117	2.6	Yes
iso scanner01	16371	7361715	7.0	Yes
jsc-isd-ps1	26197	6890257	6.6	Yes
jsc-isd-ps2	28217	5881241	5.6	Yes
jsc-isd-ps01	6184	8050793	7.7	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-fmd-price01	60886	118	9265611	529	8.8	Yes
jsc-fmd-price02	60161	110	11771144	139891	11.2	Yes
jsc-ps-ifmp	23249	-59	2457289	1720	2.3	Yes
jsc-la-1	18870	174	3143201	288089	3.0	Yes
jsc-la-2	18459	45	3843240	82149	3.7	Yes
jsc-la-lemdw	57762	194	5426275	39850	5.2	Yes
jsc-ird-cisan01	51061	586	19732289	775982	18.8	Yes
jsc-ird-apps01	45026	7120	7896801	740311	7.5	Yes
jsc-ird-apps02	97276	1905	24849659	332860	23.7	Yes
jsc-ird-apps03	21141	23	3803095	897	3.6	Yes
jsc-ird-appstg	32834	1095	3302562	147886	3.1	Yes
jsc-aa-cr945-s1	93353	-151	57624171	188860	55.0	Yes
jsc-aa-cr945-s2	16946	209	4714042	1581376	4.5	Yes
jsc-ird-ad01	15317	170	1707598	2201	1.6	Yes
jsc-ird-ad02	14773	25	1425587	-817	1.4	Yes
jsc-isd-vid02	49969	66	3259415	6122	3.1	Yes
jsc-rem-dev-ars	61041	105	10040691	96916	9.6	Yes
jsc-rem-dev-cbx	40286	24	5864620	1301	5.6	Yes
jsc-rem-stg-ars	42987	223	7404515	196232	7.1	Yes
jsc-rem-stg-cbx	60189	214	7457292	46176	7.1	Yes
jsc-ird-genesis	21269	51	2136197	-9173	2.0	Yes
jsc-ird-csd1	21945	33	37991998	10546298	36.2	Yes
jsc-ird-csd2	20686	10	2364624	-10435	2.3	Yes
jsc-rem-sql1	49954	430	119197802	1702613	113.7	Yes
jsc-rem-sql2	348852	187	6037352	1965114	5.8	Yes
jsc-ird-fs01a	909690	871231	123234119	118971127	117.5	Yes
jsc-ird-fs01b	2235149	1680803	1136255771	971404456	1083.6	Yes
DDMSC1(K) - remove this month					0.0	System Offline
DDMSC1(L) - remove this month					0.0	System Offline
DDMSSQL1 - remove this month					0.0	System Offline
ddms1 - remove this month					0.0	System Offline
ddms2 - remove this month					0.0	System Offline
ddms0 - remove next month					0.0	System Offline
ddms15	390705	351	17753594	2344	16.9	Yes
ddms16	84821	231	6494771	-10245	6.2	Yes
jsc-ird-ddmsn2	1104821	-10110	24918063	354575	23.8	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
ddms9	208511	238	6331136	18706	6.0	Yes
jsc-it-projcd1	14645	-37	1334203	-311	1.3	Yes
jsc-it-projcp1	14592	31	1332325	696	1.3	Yes
jsc-it-pddata	14772	19	1338270	648	1.3	Yes
jsc-ifs-02	1616687	30886	595239512	17579959	567.7	Yes
jsc-sql1	72960	797	69352285	60633297	66.1	Yes
jsc-sql2	63457	-578	10254220	-61560718	9.8	Yes
jsc-lsd-pm1	35063	115	8142173	52150	7.8	Yes
jsc-lsd-pm2	21504	12	8387202	15947	8.0	Yes
jsc-lsd-openmgr	80563	380	13017661	280902	12.4	Yes
mcs	22689	-3412	1891303	-408638	1.8	Yes
nasapost1	57823	-1213	16605038	148807	15.8	Yes
nasapost2	23080	-1199	7411395	-28910	7.1	Yes
jsc-post-dc01	7785	21	565573	-282	0.5	Yes
jsc-post-dc02	7638	21	423255	-450	0.4	Yes
sti-pdc2	4864	21	247427	-164	0.2	Yes
jsc-ird-remdc1	22956	82	3693687	44781	3.5	Yes
jsc-ird-remdc2	15496	18	2188796	-2818	2.1	Yes
jsc-lsd-gra01	138129	-4797	48746722	-34382649	46.5	Yes
jsc-lsd-gra04	208899	-6040	337602853	-15218749	322.0	Yes
jsc-ird-lib100	773123	-241	237065429	28602858	226.1	Yes
jsc-ird-lib200	39287	130	12047912	13129	11.5	Yes
jsc-lsd-lib15	51951	97	6280628	36142	6.0	Yes
ddms7	33781	5119	5477081	1981575	5.2	Yes
jsc-ird-vod01	16973	639	2592573	-28977	2.5	Yes
solarwinds	24645	-18263	11052640	-21980194	10.5	Yes
jsc-it-vms2	16704	28	1624224	2176	1.5	Yes
jsc-rem-prd-ars-priv	62285	302	20190321	4074136	19.3	Yes
jsc-rem-prd-cbx-priv	60189	216	7457635	46538	7.1	Yes
jsc-lsd-dc01	942349	No Data	105044798	No Data	100.2	Yes
jsc-ird-csp01	16876	627	40465545	-12450124	38.6	Yes
jsc-ird-csp02	16550	-262	2067505	-2969440	2.0	Yes
jsc-it-flex1	23319	261	1487087	2380	1.4	Yes
jsc-it-flex2	18482	310	1439438	2378	1.4	Yes
jsc-it-flex3	18608	303	1500508	2198	1.4	Yes
jsc-ird-vid03	22024	-26653	1694150	-1094394750	1.6	Yes
jsc-ird-vid04	53806	27079	1107688567	1105432020	1056.4	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Linux/Solaris Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
ddms12	498330	8	19728768	-42848	18.8	Yes
ddms13	663507	14828	44847584	2009920	42.8	Yes
ddms14	342702	11929	13829120	121120	13.2	Yes
ddms3-priv	1021076	69655	1334155808	21643616	1272.4	Yes
ddms3(2)-priv	2555524	4275	771567328	1540928	735.8	Yes
jsc-ird-ddmss1	495798	11260	14132416	-2048832	13.5	Yes
jsc-ird-ddmss2	349867	11966	16495424	122592	15.7	Yes
jsc-ir-web01a	367598	-336437	88494112	-234349184	84.4	Yes
jsc-ir-web01b	1737619	1484818	673008384	658486592	641.8	Yes
jsc-ird-doors	210268	0	8389568	736	8.0	Yes
jsc-ird-ddmss3	438560	-16202	12235264	-5648800	11.7	Yes
jsc-ird-ddmss4	441188	-13993	12272544	-5700928	11.7	Yes
jsc-ird-ddmss5	440594	-16292	21305504	3166848	20.3	Yes
jsc-ird-ddmsp5	440560	-13430	12342688	-5616384	11.8	Yes
jsc-ird-ddmsp6	440607	-13485	10899264	-6975808	10.4	Yes
jsc-ird-ddmsp7	440597	-13511	10899040	-6975904	10.4	Yes
jsc-ird-ddmsi1	444997	-11444	12337344	-5084032	11.8	Yes
jsc-ird-ddmsi2	442123	-13543	12474752	-5542720	11.9	Yes
jsc-ird-ddmsa1	438644	2837	24013312	-13444512	22.9	Yes
jsc-ird-ddmsa2	939167	-5265	40045056	962144	38.2	Yes
appdev-priv	913064	194596	389680736	80689088	371.6	Yes
edcc-dev	694869	187760	89682528	174656	85.5	Yes
edcc1	269499	100	39920032	364544	38.1	Yes
edcc2	158885	6	48340352	3518464	46.1	Yes
images1	1155739	5882	412518592	2165120	393.4	Yes
jsc-ird-ddms-dev1	281802	1	6917728	544	6.6	Yes
jsc-ird-uwebdv1	220049	1	5298272	2304	5.1	Yes
jsc-ird-uwebdv2	141247	2	5515968	0	5.3	Yes
jsc-ird-uweb	386901	-681	117658432	-56768	112.2	Yes
lft	351736	-670	16470944	39744	15.7	Yes
bb4	244986	643	4199744	63232	4.0	Yes
zowe	197411	59	2915616	42176	2.8	Yes
jsc-ir-bak01a	190039	39	5935008	-32	5.7	Yes
jsc-ir-bak01b	192385	493	7318592	-270272	7.0	Yes
jsc-ir-bak01	0	0	32	0	0.0	Yes
jsc-ird-fs02a	10830026	1909200	387136057	-1165184967	369.2	Yes
jsc-ird-fs02b	145533	2966	17001409	10205487	16.2	Yes
jsc-ird-fs03a	8999202	No Data	1654979104	No Data	1578.3	

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Linux/Solaris Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-ird-fs03b	132863	No Data	6508544	No Data	6.2	Yes
ora01a-priv	338795	3915	1195896320	21466176	1140.5	Yes
ora01b-priv	449965	3695	430121824	46356320	410.2	Yes
ddmsp1-priv	443301	2000	27145280	421056	25.9	Yes
ddmsp2-priv	276271	5284	29394208	461600	28.0	Yes
jsc-ird-ddmsp3	275484	4140	26938944	592736	25.7	Yes
ddmsp4-priv	278233	7534	23128960	357600	22.1	Yes
jsc-it-ecf1	565068	338	26270976	-4896	25.1	Yes
jsc-it-ecf2	602440	129	33456640	12128	31.9	Yes
vbrickvod	16973	644	2592889	-27993	2.5	Yes
stic	111185	31	9670688	-8064	9.2	Yes
ston	326104	39	12510112	43264	11.9	Yes
images2	4066873	-262209	1042205984	-49039424	993.9	Yes
images2-2	258275	4472	112179520	-997239036	107.0	Yes
jsc-it-frog	244318	2644	88206720	4563744	84.1	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Security Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
appserver	54710	430	104771964	2943689	99.9	Yes
dbserver	49908	1541	8159132	125522	7.8	Yes
ins-scanner01	30284	91	12255725	51081	11.7	Yes
ins-scanner02	37584	81	9756836	72980	9.3	Yes
inscore46	17492	347	5967562	49650	5.7	Yes
isocore46	17958	276	7241527	18944	6.9	Yes
pip	23968	293	5830098	20969	5.6	Yes
jsctan	23556	271	2400000	17003	2.3	Yes
linux ins scanner	157593	157	5004960	7104	4.8	Yes
Netocontext-CA	22896506	4871633	223781952	24556288	213.4	Yes
Netocontext NTR	315750	6090	34430048	605632	32.8	Yes
jsc-isd-pptp	28398	553	4625616	40599	4.4	Yes
jsc-isd-pptpdev	13578	332	2050836	12569	2.0	Yes
linux iso scanner	190806	989	2314016	2912	2.2	Yes
mission	306742	8601	915794304	36146240	873.4	Yes
atlas	55199	698	1838240	13664	1.8	Yes
aidos	74347	1114	12329216	12640	11.8	Yes
hyperion	153434	1150	82775648	3870048	78.9	Yes
hyperion-1	153395	680	82193632	-25973760	78.4	Yes
nfrurl	82654	1154	34118880	33184	32.5	Yes
backdoor-sdw	212527	5036	71351936	3908256	68.0	Yes
backdoor-dev	390487	1340	264521536	32315264	252.3	Yes
atropos	90362	761	4612608	21568	4.4	Yes
jsc-ip-nas1	539867	-1146	493067706	431817	470.2	Yes
themis	97125	3374	156684640	23465056	149.4	Yes
jsc-it-vms1	20096	-4	2808503	45386	2.7	Yes
iso scanner01	16459	88	7411084	49369	7.1	Yes
jsc-isd-ps1	26294	97	6877187	-13070	6.6	Yes
jsc-isd-ps2	28122	-95	5844357	-36884	5.6	Yes
jsc-isd-ps01	9569	3385	14381834	6331041	13.7	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
jsc-fmd-price01	62017	1131	9323145	57534	8.9	Yes
jsc-fmd-price02	61146	985	12182151	411007	11.6	Yes
jsc-ps-ifmp	23273	24	2462023	4734	2.3	Yes
jsc-la-1	19426	556	4626868	1483667	4.4	Yes
jsc-la-2	19025	566	4194469	351229	4.0	Yes
jsc-la-lemdw	58910	1148	7373812	1947537	7.0	Yes
jsc-ird-cisan01	32957	-18104	3351525	-16380764	3.2	Yes
jsc-ird-apps01	46591	1565	8417083	520282	8.0	Yes
jsc-ird-apps02	102068	4792	25989084	1139425	24.8	Yes
jsc-ird-apps03	21319	178	4159352	356257	4.0	Yes
jsc-ird-appstg	32976	142	3663198	360636	3.5	Yes
jsc-aa-cr945-s1	94237	884	59828850	2204679	57.1	Yes
jsc-aa-cr945-s2	17050	104	4727294	13252	4.5	Yes
jsc-ird-ad01	15533	216	1727486	19888	1.6	Yes
jsc-ird-ad02	14988	215	1527165	101578	1.5	Yes
jsc-isd-vid02	50169	200	3280148	20733	3.1	Yes
jsc-rem-dev-ars	61499	458	10582352	541661	10.1	Yes
jsc-rem-dev-cbx	40596	310	6230168	365548	5.9	Yes
jsc-rem-stg-ars	43227	240	7470890	66375	7.1	Yes
jsc-rem-stg-cbx	60292	103	7463801	6509	7.1	Yes
jsc-ird-genesis	27753	6484	2827135	690938	2.7	Yes
jsc-ird-csd1	22034	89	36383566	-1608432	34.7	Yes
jsc-ird-csd2	20774	88	2374532	9908	2.3	Yes
jsc-rem-sql1	44869	-5085	5614152	-113583650	5.4	Yes
jsc-rem-sql2	354114	5262	119636072	113598720	114.1	Yes
jsc-ird-fs01a	42727	-866963	7158219	-116075900	6.8	Yes
jsc-ird-fs01b	3403172	1168023	1559495687	423239916	1487.3	Yes
ddms15	393869	3164	17085038	-668556	16.3	Yes
ddms16	85315	494	6508550	13779	6.2	Yes
jsc-ird-ddmsn2	1100288	-4533	24677696	-240367	23.5	Yes
ddms9	209483	972	6381900	50764	6.1	Yes
jsc-it-projcd1	14858	213	1341862	7659	1.3	Yes
jsc-it-projcp1	14804	212	1339967	7642	1.3	Yes
jsc-it-pddata	14980	208	1346167	7897	1.3	Yes
jsc-sql1	73581	621	62111690	-7240595	59.2	Yes
jsc-sql2	63628	171	10275388	21168	9.8	Yes
jsc-isd-openmgr	75237	-5326	12646179	-371482	12.1	Yes
mcs	23149	460	2011665	120362	1.9	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
jsc-isd-pm1	35411	348	8390013	247840	8.0	Yes
jsc-isd-pm2	21587	83	8324527	-62675	7.9	Yes
nasapost1	56418	-1405	11990262	-4614776	11.4	Yes
nasapost2	24905	1825	10047059	2635664	9.6	Yes
jsc-post-dc01	7834	49	569628	4055	0.5	Yes
jsc-post-dc02	7688	50	427818	4563	0.4	Yes
jsc-ird-remdc1	23709	753	3752400	58713	3.6	Yes
jsc-ird-remdc2	16027	531	2217569	28773	2.1	Yes
jsc-isd-gra01	167303	29174	64628293	15881571	61.6	Yes
jsc-isd-gra04	211347	2448	353098606	15495753	336.7	Yes
jsc-ird-lib100	782874	9751	248470709	11405280	237.0	Yes
jsc-ird-lib200	39602	315	12074426	26514	11.5	Yes
jsc-isd-lib15	58786	6835	7954048	1673420	7.6	Yes
ddms7	27293	-6488	4448973	-1028108	4.2	Yes
jsc-ird-vod01	17250	277	2600664	8091	2.5	Yes
solarwinds	26146	1501	30840829	19788189	29.4	Yes
jsc-it-vms2	21234	4530	1963972	339748	1.9	Yes
jsc-rem-prd-ars-priv	62868	583	20361515	171194	19.4	Yes
jsc-rem-prd-cbx-priv	60291	102	7464312	6677	7.1	Yes
jsc-isd-dc01	981862	39513	109300823	4256025	104.2	Yes
jsc-ird-csp01	17005	129	47845864	7380319	45.6	Yes
jsc-ird-csp02	16608	58	2044211	-23294	1.9	Yes
jsc-it-flex1	23700	381	1529094	42007	1.5	Yes
jsc-it-flex2	18905	423	1479627	40189	1.4	Yes
jsc-it-flex3	18954	346	1540121	39613	1.5	Yes
jsc-ird-vid03	22078	54	1701747	7597	1.6	Yes
jsc-ird-vid04	55762	1956	1190942268	83253701	1135.8	Yes
jsc-ird-plot01	17939	No Data	1574090	No Data	1.5	Yes
jsc-ird-plot02	16709	No Data	1447306	No Data	1.4	Yes
jsc-ird-dil01	46208	No Data	115547689	No Data	110.2	Yes
jsc-ird-dil02	13053	No Data	1666748	No Data	1.6	Yes
jsc-ird-dil03	12893	No Data	1630811	No Data	1.6	Yes
jsc-ird-dil04	12600	No Data	1622062	No Data	1.5	Yes

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Linux/Solaris Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
ddms12	498340	10	19750784	22016	18.8	Yes
ddms13	676269	12762	44996608	149024	42.9	Yes
ddms14	355106	12404	13951872	122752	13.3	Yes
ddms3-priv	1161054	139978	1381547936	47392128	1317.5	Yes
ddms3(2)-priv	822143	-1733381	103044288	-668523040	98.3	Yes
jsc-ird-ddmss1	503682	7884	14247776	115360	13.6	Yes
jsc-ird-ddmss2	357868	8001	16583296	87872	15.8	Yes
jsc-it-web01a	728413	360815	336783552	248289440	321.2	Yes
jsc-it-web01b	313938	-1423681	77035424	-595972960	73.5	Yes
jsc-ird-doors	210272	4	8389216	-352	8.0	Yes
jsc-ird-ddmss3	441381	2821	12334048	98784	11.8	Yes
jsc-ird-ddmss4	443915	2727	12343104	70560	11.8	Yes
jsc-ird-ddmss5	443827	3233	21381696	76192	20.4	Yes
jsc-ird-ddmsp5	441346	786	12491072	148384	11.9	Yes
jsc-ird-ddmsp6	441295	688	10930752	31488	10.4	Yes
jsc-ird-ddmsp7	441249	652	10913152	14112	10.4	Yes
jsc-ird-ddmsp8	441266	No Data	10916160	No Data	10.4	Yes
jsc-ird-ddmsi1	450629	5632	12606432	269088	12.0	Yes
jsc-ird-ddmsi2	446785	4662	12783200	308448	12.2	Yes
jsc-ird-ddmsa1	457764	19120	24509920	496608	23.4	Yes
jsc-ird-ddmsa2	941195	2028	40128352	83296	38.3	Yes
appdev-priv	1058976	145912	400405728	10724992	381.9	Yes
edcc-dev	829400	134531	89858144	175616	85.7	Yes
edcc1	264537	-4962	39284832	-635200	37.5	Yes
edcc2	158917	32	28812416	-19527936	27.5	Yes
images1	1158688	2949	412187488	-331104	393.1	Yes
jsc-ird-ddms-dev1	281804	2	6955296	37568	6.6	Yes
jsc-ird-uwebdv1	229532	9483	5720192	421920	5.5	Yes
jsc-ird-uwebdv2	170061	28814	7088864	1572896	6.8	Yes
jsc-ird-uweb	395385	8484	120001888	2343456	114.4	Yes
lift	355295	3559	16688160	217216	15.9	Yes
bb4	245747	761	4305536	105792	4.1	Yes
zowe	197481	70	3011584	95968	2.9	Yes
jsc-it-bak01a	190742	703	7034848	1099840	6.7	Yes
jsc-it-bak01b	193231	846	8068800	750208	7.7	Yes
jsc-it-bak01	0	0	32	0	0.0	Yes

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Linux/Solaris Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-ird-fs03b	132892	29	6496576	-11968	6.2	Yes
ora01a-priv	3405574	3066779	1362088128	166191808	1299.0	Yes
ora01b-priv	452588	2623	396010624	-34111200	377.7	Yes
ddmsp1-priv	451824	8523	41544992	14399712	39.6	Yes
ddmsp2-priv	281137	4866	29699200	304992	28.3	Yes
jsc-ird-ddmsp3	280554	5070	28133952	1195008	26.8	Yes
ddmsp4-priv	285556	7323	25730432	2601472	24.5	Yes
jsc-it-ecf1	565856	788	26236288	-34688	25.0	Yes
jsc-it-ecf2	602625	185	34063616	606976	32.5	Yes
vbrickvod	17250	277	2600661	7772	2.5	Yes
stic	111380	195	9888928	218240	9.4	Yes
ston	325052	-1052	13779200	1269088	13.1	Yes
images2	4114543	47670	1032396928	-9809056	984.6	Yes
jsc-it-frog	244330	12	88206560	-160	84.1	Yes
jsc-ird-fs02a	10926605	96579	645426877	258290820	615.5	Yes
jsc-ird-fs02b	151840	6307	17575680	574271	16.8	Yes
jsc-ird-fs03a	9143587	144385	1885967488	230988384	1798.6	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Security Clients	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
appserver	57472	2762	110026835	5254871	104.9	Yes
dbserver	51197	1289	8266422	107290	7.9	Yes
ins-scanner01	32275	1991	12692715	436990	12.1	Yes
ins-scanner02	39994	2410	9979459	222623	9.5	Yes
inscore46	18398	906	6018956	51394	5.7	Yes
isocore46	18431	473	7273706	32179	6.9	Yes
plp	24715	747	5892958	62860	5.6	Yes
jsman	23878	322	2440304	40304	2.3	Yes
linux_ins_scanner	157762	169	5012576	7616	4.8	Yes
Netcontext-CA	26727116	3830610	220723520	-3058432	210.5	Yes
Netcontext-NTR	372017	56267	42380864	7950816	40.4	Yes
jsc-isd-ppp	29591	1193	4632803	7187	4.4	Yes
jsc-isd-pppdev	14076	498	2052858	2022	2.0	Yes
linux_iso_scanner	192111	1305	3177504	863488	3.0	Yes
mission	326705	19963	992525792	76731488	946.5	Yes
atlas	55870	671	1852032	13792	1.8	Yes
aidos	78629	4282	14481568	2152352	13.8	Yes
hyperion	154637	1203	108799808	26024160	103.8	Yes
hyperion-1	155169	1774	93694912	11501280	89.4	Yes
nfrurl	90844	8190	37340416	3221536	35.6	Yes
backdoor-sdw	224677	12150	78980832	7628896	75.3	Yes
backdoor-dev	389055	-1432	246015392	-18506144	234.6	Yes
atropos	91894	1532	4632704	20096	4.4	Yes
jsc-ip-nas1	378137	-161730	266936560	-226131146	254.6	Yes
themis	104320	7195	209480384	52795744	199.8	Yes
jsc-it-vms1	20276	180	3127743	319240	3.0	Yes
iso_scanner01	20610	4151	9199452	1788368	8.8	Yes
jsc-isd-ps1	26643	349	6906260	29073	6.6	Yes
jsc-isd-ps2	28566	444	5866270	21913	5.6	Yes
jsc-isd-ps01	11500	1931	12688631	-1693203	12.1	Yes
im-its-lap01	32394	No Data	3698073	No Data	3.5	Yes
im-its-lap02	29544	No Data	4438309	No Data	4.2	Yes

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Windows Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-fmd-price01	CFO	62704	687	9352754	29609	8.9	Yes
jsc-fmd-price02	CFO	61745	599	12349095	166944	11.8	Yes
jsc-la-1	CFO	19686	260	4070818	-556050	3.9	Yes
jsc-la-2	CFO	19873	848	4429748	235279	4.2	Yes
jsc-la-femdw	CFO	58681	-229	5938006	-1435806	5.7	Yes
jsc-ird-csd1	Con Sys	22249	215	41802777	5419211	39.9	Yes
jsc-ird-csd2	Con Sys	21193	419	2432816	58284	2.3	Yes
jsc-ird-csp01	Con Sys	16844	-161	2095630	-45750234	2.0	Yes
jsc-ird-csp02	Con Sys	17633	1025	48009172	45964961	45.8	Yes
jsc-ir-flex1	Con Sys	23990	290	1665060	135966	1.6	Yes
jsc-ir-flex2	Con Sys	19165	260	1516931	37304	1.4	Yes
jsc-ir-flex3	Con Sys	24536	5582	1746260	206139	1.7	Yes
jsc-ird-cisan01	CSM	47853	14896	4673561	1322036	4.5	Yes
jsc-ird-fs01a	CSM	84087	41360	819007650	811849431	781.1	Yes
jsc-ird-fs01b	CSM	3680760	277588	1721710994	162215307	1642.0	Yes
jsc-ir-vms2	CSM	21574	340	2001677	37705	1.9	Yes
jsc-aa-cr945-s1	CSS	94403	166	59953887	125037	57.2	Yes
jsc-aa-cr945-s2	CSS	17464	414	4807935	80641	4.6	Yes
jsc-rem-dev-ars	CSS	61999	500	15482448	4900096	14.8	Yes
jsc-rem-dev-cbx	CSS	41082	486	9090098	2859930	8.7	Yes
jsc-rem-prd-ars-priv	CSS	63197	329	20386898	25383	19.4	Yes
jsc-rem-prd-cbx-priv	CSS	60469	178	7472680	8368	7.1	Yes
jsc-rem-stg-ars	CSS	43419	192	7441151	-29739	7.1	Yes
jsc-rem-stg-cbx	CSS	60474	182	7471491	7690	7.1	Yes
jsc-rem-sql1	CSS	45032	163	5619243	5091	5.4	Yes
jsc-rem-sql2	CSS	354283	169	115084089	-4551983	109.8	Yes
ddms7	DDMS	27700	407	4574355	125382	4.4	Yes
ddms9	DDMS	214043	4560	6284528	-97372	6.0	Yes
ddms15	DDMS	393925	56	17122569	37531	16.3	Yes
ddms18	DDMS	85319	4	6497706	-10844	6.2	Yes
jsc-ird-ddmsn2	DDMS	1103246	2958	24711944	34248	23.6	Yes
jsc-ir-pdata	DDMS	21320	6340	1692452	346285	1.6	Yes
jsc-ir-projcd1	DDMS	21250	6392	1624518	282656	1.5	Yes
jsc-ir-projcp1	DDMS	21337	6533	1615584	275617	1.5	Yes
jsc-ird-dll01	Imagery	46087	-121	115556598	8909	110.2	Yes
jsc-ird-dll02	Imagery	12927	-126	1675215	8467	1.6	Yes
jsc-ird-dll03	Imagery	12962	69	1641016	10205	1.6	Yes
jsc-ird-dll04	Imagery	12668	68	1666665	44603	1.6	Yes
jsc-ird-lib100	Imagery	787041	4167	249941742	1471033	238.4	Yes
jsc-ird-lib200	Imagery	39646	44	12064551	-9875	11.5	Yes
jsc-ird-plot01	Imagery	17709	-230	1546953	-27137	1.5	Yes
jsc-ird-plot02	Imagery	16477	-232	1420816	-26490	1.4	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-ird-vid03	Imagery	51785	29707	1222549764	1220848017	1165.9	Yes
jsc-ird-vid04	Imagery	27142	-28620	2306855	-1188635413	2.2	Yes
jsc-ird-vod01	Imagery	18645	1395	2771144	170480	2.6	Yes
jsc-isd-dc01	Imagery	1001785	19923	111643145	2342322	106.5	Yes
jsc-isd-gra01	Imagery	202891	35588	73002683	8374390	69.6	Yes
jsc-isd-gra04	Imagery	209742	-1605	346813183	-6285423	330.7	Yes
jsc-isd-lib15	Imagery	59231	445	8333522	379474	7.9	Yes
jsc-isd-vid02	Imagery	50239	70	3303457	23309	3.2	Yes
mcs	Imagery	24415	1266	2160108	148443	2.1	Yes
jsc-ird-remdc1	IT SEC	24081	372	3774011	21611	3.6	Yes
jsc-ird-remdc2	IT SEC	16526	499	2261706	44137	2.2	Yes
jsc-post-dc01	NASAPOST	8075	241	571453	1825	0.5	Yes
jsc-post-dc02	NASAPOST	7926	238	429847	2029	0.4	Yes
nasapost1	NASAPOST	57652	1234	12417238	426976	11.8	Yes
nasapost2	NASAPOST	25619	714	7520677	-2526382	7.2	Yes
jsc-isd-openingr	NETIQ	74991	-246	12698586	52407	12.1	Yes
jsc-isd-pm1	NETIQ	35758	347	8426494	36481	8.0	Yes
jsc-isd-pm2	NETIQ	21968	381	8484576	160049	8.1	Yes
jsc-sql1	NETIQ	72961	-620	8783587	-53328103	8.4	Yes
jsc-sql2	NETIQ	64816	1188	73905994	63630606	70.5	Yes
jsc-ird-ad01	Network Misc	15835	302	1859521	132035	1.8	Yes
jsc-ird-ad02	Network Misc	15302	314	1658818	131653	1.6	Yes
jsc-ps-ftp	Network Misc	23590	317	2505222	43199	2.4	Yes
solarwinds	Network Misc	26902	756	30922013	81184	29.5	Yes
jsc-ird-apps01	Web	47254	663	11644766	3227683	11.1	Yes
jsc-ird-apps02	Web	105550	3482	29830473	3841389	28.4	Yes
jsc-ird-apps03	Web	21747	428	6427256	2267904	6.1	Yes
jsc-ird-appstg	Web	36168	3192	6486244	2823046	6.2	Yes
jsc-ird-genesis	Web	28033	280	2832781	5646	2.7	Yes

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Linux/Solaris Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
jsc-it-ora01a/ora01a-priv	Con Sys	344105	-3061469	1240770592	-121317536	1183.3	Yes
jsc-it-ora01b/ora01b-priv	Con Sys	455396	2808	418308768	22298144	398.9	Yes
jsc-it-web01a	Con Sys	742206	13793	344026656	7243104	328.1	Yes
jsc-it-web01b	Con Sys	3266472	2952534	1077652032	1000616608	1027.7	Yes
jsc-ird-fs02a	CSM	150209	-10776396	15178593	-630248284	14.5	Yes
jsc-ird-fs02b	CSM	10936448	10784608	928684055	911108375	885.7	Yes
jsc-ird-fs03a	CSM	98059	-9045528	471096960	-1414870528	449.3	Yes
jsc-ird-fs03b	CSM	146751	13859	6617728	121152	6.3	Yes
jsc-it-bak01	CSM	0	0	32	0	0.0	Yes
jsc-it-bak01a	CSM	190855	113	7048896	14048	6.7	Yes
jsc-it-bak01b	CSM	193349	118	10513824	2445024	10.0	Yes
ddms12	DDMS	500889	2549	19817728	66944	18.9	Yes
ddms13	DDMS	689061	12792	45128768	132160	43.0	Yes
ddms14	DDMS	367492	12386	14065152	113280	13.4	Yes
ddms3-priv	DDMS	124058	-698085	1448256384	1345212096	1381.2	Yes
ddmsp1-priv	DDMS	455085	3261	38637856	-2907136	36.8	Yes
ddmsp2-priv	DDMS	284490	3353	29900736	201536	28.5	Yes
ddmsp4-priv	DDMS	288774	3218	25850624	120192	24.7	Yes
edcc1	DDMS	268616	4079	39606816	321984	37.8	Yes
edcc2	DDMS	162748	3831	28874176	61760	27.5	Yes
edcc-dev	DDMS	838517	9117	90947680	1089536	86.7	Yes
jsc-ird-appdev/appdev-priv	DDMS	1276681	217705	406976928	6571200	388.1	Yes
jsc-ird-ddms-dev1	DDMS	284393	2589	7016416	61120	6.7	Yes
jsc-ird-ddmsa1	DDMS	457827	63	24524096	14176	23.4	Yes
jsc-ird-ddmsa2	DDMS	941100	-95	40117088	-11264	38.3	Yes
jsc-ird-ddmsi1	DDMS	451411	782	12634208	27776	12.0	Yes
jsc-ird-ddmsi2	DDMS	447312	527	12811008	27808	12.2	Yes
jsc-ird-ddmsp3	DDMS	283891	3337	28304160	170208	27.0	Yes
jsc-ird-ddmsp5	DDMS	440916	-430	12506656	15584	11.9	Yes
jsc-ird-ddmsp6	DDMS	440865	-430	10940448	9696	10.4	Yes
jsc-ird-ddmsp7	DDMS	440815	-434	10920704	7552	10.4	Yes
jsc-ird-ddmsp8	DDMS	440819	-447	10917344	1184	10.4	Yes
jsc-ird-ddmss1	DDMS	511309	7627	14366304	118528	13.7	Yes
jsc-ird-ddmss2	DDMS	365423	7555	16714144	130848	15.9	Yes
jsc-ird-ddmss3	DDMS	445731	4350	12476064	142016	11.9	Yes
jsc-ird-ddmss4	DDMS	447731	3816	12425632	82528	11.9	Yes
jsc-ird-ddmss5	DDMS	448029	4202	21505312	123616	20.5	Yes
jsc-ird-doors	DDMS	210495	223	8375872	-13344	8.0	Yes
jsc-it-frog	DDMS	246866	2536	88264128	57568	84.2	Yes

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Linux/Solaris Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-rt-ecf1	ECF	571299	5443	56153088	29916800	53.6	Yes
jsc-rt-ecf2	ECF	609474	6849	43764384	9700768	41.7	Yes
images1	Imagery	782334	-376354	412889280	701792	393.8	Yes
images2	Imagery	4114546	3	1032525216	128288	984.7	Yes
jsc-isd-lib01/stic	Imagery	113579	2199	10175296	286368	9.7	Yes
jsc-isd-lib04/ston	Imagery	327267	2215	13913984	134784	13.3	Yes
bb4	Network Misc	247406	1659	4353888	48352	4.2	Yes
lift	Network Misc	354138	-1157	16751232	63072	16.0	Yes
zowe	Network Misc	197981	500	3056320	44736	2.9	Yes
jsc-ird-uweb	PAO	395844	459	119723264	-278624	114.2	Yes
jsc-ird-uwebdv1	PAO	229532	0	5722592	2400	5.5	Yes
jsc-ird-uwebdv2	PAO	61806	-108255	4329696	-2759168	4.1	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Security Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-its-vms1	CSM	20461	185	3051154	-76589	2.9	Yes
appserver	IT SEC	57861	389	149351908	39325073	142.4	Yes
dbserver	IT SEC	51806	609	8352476	86054	8.0	Yes
ins-scanner01	IT SEC	32556	281	12712254	19539	12.1	Yes
ins-scanner02	IT SEC	40693	-151418	10000035	6822531	9.5	Yes
inscore46	IT SEC	18504	106	6035438	16482	5.8	Yes
isocore46	IT SEC	18872	441	7344728	71022	7.0	Yes
pip	IT SEC	24781	66	5901968	9010	5.6	Yes
jscman	IT SEC	1948	-21930	2480557	40253	2.4	Yes
linux_ins_scanner	IT SEC	157846	84	5016032	3456	4.8	Yes
Netcontext-CA	IT SEC	13861207	-12865909	223852896	3129376	213.5	Yes
Netcontext NTR	IT SEC	387196	15179	44966816	2585952	42.9	Yes
jsc-isd-pptp	IT SEC	29727	136	4665488	32685	4.4	Yes
linux_isd_scanner	IT SEC	192882	771	4065088	887584	3.9	Yes
mission	IT SEC	335655	8950	1031242272	38716480	983.5	Yes
atlas	IT SEC	55933	63	1852160	128	1.8	Yes
aidos	IT SEC	79155	526	14492032	10464	13.8	Yes
hyperion	IT SEC	157655	3018	51634528	-57165280	49.2	Yes
hyperion-1	IT SEC	155461	292	87039872	-6655040	83.0	Yes
nfruri	IT SEC	91206	362	37446304	105888	35.7	Yes
jsc-ird-sdw-backdoor-sdw	IT SEC	232701	8024	82296000	3315168	78.5	Yes
jsc-ird-sdw-dev-backdoor-dev	IT SEC	390988	1933	278714048	32698656	265.8	Yes
atropos	IT SEC	92358	464	4520064	-112640	4.3	Yes
jsc-ip-nas1	IT SEC	355070	-23067	119418844	-147517716	113.9	Yes
themis	IT SEC	107539	3219	239566784	30086400	228.5	Yes
iso_scanner01	IT SEC	20645	35	9203444	3992	8.8	Yes
jsc-isd-ps1	IT SEC	26829	186	6944199	37939	6.6	Yes
jsc-isd-ps2	IT SEC	28761	195	5900645	34375	5.6	Yes
jsc-isd-ps01	IT SEC	14104	2604	17685216	4996585	16.9	Yes
jsc-isd-pptpdev	IT SEC	14140	64	2054735	1877	2.0	Yes
im-its-lap01	IT SEC	33484	1090	3718002	19929	3.5	Yes
im-its-lap02	IT SEC	30359	815	4505664	67355	4.3	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-fmd-price01	CFO		-62017		-9323145	0.0	Yes
jsc-fmd-price02	CFO		-61146		-12182151	0.0	Yes
jsc-la-1	CFO		-19426		-4626868	0.0	Yes
jsc-la-2	CFO		-19025		-4194469	0.0	Yes
jsc-la-hemdw	CFO		-58910		-7373812	0.0	Yes
jsc-ird-csd1	Con Sys		-22034		-36383566	0.0	Yes
jsc-ird-csd2	Con Sys		-20774		-2374532	0.0	Yes
jsc-ird-csp01	Con Sys		-17005		-47845864	0.0	Yes
jsc-ird-csp02	Con Sys		-16608		-2044211	0.0	Yes
jsc-it-flex1	Con Sys		-23700		-1529094	0.0	Yes
jsc-it-flex2	Con Sys		-18905		-1479627	0.0	Yes
jsc-it-flex3	Con Sys		-18954		-1540121	0.0	Yes
jsc-ird-clean01	CSM		-32957		-3351525	0.0	Yes
jsc-ird-fs01a	CSM		-42727		-7158219	0.0	Yes
jsc-ird-fs01b	CSM		-3403172		-1559495687	0.0	Yes
jsc-it-vms2	CSM		-21234		-1963972	0.0	Yes
jsc-aa-cr945-s1	CSS		-94237		-59828850	0.0	Yes
jsc-aa-cr945-s2	CSS		-17050		-4727294	0.0	Yes
jsc-rem-dev-ars	CSS		-61499		-10582352	0.0	Yes
jsc-rem-dev-cbx	CSS		-40596		-6230168	0.0	Yes
jsc-rem-prd-ars-priv	CSS		-62868		-20361515	0.0	Yes
jsc-rem-prd-cbx-priv	CSS		-60291		-7464312	0.0	Yes
jsc-rem-stg-ars	CSS		-43227		-7470890	0.0	Yes
jsc-rem-stg-cbx	CSS		-60292		-7463801	0.0	Yes
jsc-rem-sql1	CSS		-44869		-5614152	0.0	Yes
jsc-rem-sql2	CSS		-354114		-119636072	0.0	Yes
ddms7	DDMS		-27293		-4448973	0.0	Yes
ddms9	DDMS		-209483		-6381900	0.0	Yes
ddms15	DDMS		-393869		-17085038	0.0	Yes
ddms18	DDMS		-85315		-6508550	0.0	Yes
jsc-ird-ddmsn2	DDMS		-1100288		-24677696	0.0	Yes
jsc-it-pddata	DDMS		-14980		-1346167	0.0	Yes
jsc-it-projcd1	DDMS		-14858		-1341862	0.0	Yes
jsc-it-projcp1	DDMS		-14804		-1339967	0.0	Yes
jsc-ird-dll01	Imagery		-46208		-115547689	0.0	Yes
jsc-ird-dll02	Imagery		-13053		-1666748	0.0	Yes
jsc-ird-dll03	Imagery		-12893		-1630811	0.0	Yes
jsc-ird-dll04	Imagery		-12600		-1622062	0.0	Yes
jsc-ird-lib100	Imagery		-782874		-248470709	0.0	Yes
jsc-ird-lib200	Imagery		-39602		-12074426	0.0	Yes
jsc-ird-plot01	Imagery		-17939		-1574090	0.0	Yes
jsc-ird-plot02	Imagery		-16709		-1447306	0.0	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Windows Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-ird-vid03	Imagery		-22078		-1701747	0.0	Yes
jsc-ird-vid04	Imagery		-55762		-1190942268	0.0	Yes
jsc-ird-vod01	Imagery		-17250		-2600664	0.0	Yes
jsc-isd-dc01	Imagery		-981862		-109300823	0.0	Yes
jsc-isd-gra01	Imagery		-167303		-64628293	0.0	Yes
jsc-isd-gra04	Imagery		-211347		-353098606	0.0	Yes
jsc-isd-lib15	Imagery		-58786		-7954048	0.0	Yes
jsc-isd-vid02	Imagery		-50169		-3280148	0.0	Yes
mcs	Imagery		-23149		-2011665	0.0	Yes
jsc-ird-remdc1	IT SEC		-23709		-3752400	0.0	Yes
jsc-ird-remdc2	IT SEC		-16027		-2217569	0.0	Yes
jsc-post-dc01	NASAPOST		-7834		-569628	0.0	Yes
jsc-post-dc02	NASAPOST		-7688		-427818	0.0	Yes
nasapost1	NASAPOST		-56418		-11990262	0.0	Yes
nasapost2	NASAPOST		-24905		-10047059	0.0	Yes
jsc-isd-openingr	NETIQ		-75237		-12646179	0.0	Yes
jsc-isd-pm1	NETIQ		-35411		-8390013	0.0	Yes
jsc-isd-pm2	NETIQ		-21587		-8324527	0.0	Yes
jsc-sql1	NETIQ		-73581		-62111690	0.0	Yes
jsc-sql2	NETIQ		-63628		-10275388	0.0	Yes
jsc-ird-ad01	Network Misc		-15533		-1727486	0.0	Yes
jsc-ird-ad02	Network Misc		-14988		-1527165	0.0	Yes
jsc-ps-ifmp	Network Misc		-23273		-2462023	0.0	Yes
solarwinds	Network Misc		-26146		-30840829	0.0	Yes
jsc-ird-apps01	Web		-46591		-8417083	0.0	Yes
jsc-ird-apps02	Web		-102068		-25989084	0.0	Yes
jsc-ird-apps03	Web		-21319		-4159352	0.0	Yes
jsc-ird-appstg	Web		-32976		-3663198	0.0	Yes
jsc-ird-geneals	Web		-27753		-2827135	0.0	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Unix/Solaris Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (in Kbs)	Diff (+/-)	Amount of Data Backed Up (in Gbs)	Restore Window Verification
jsc-it-ora01a/ora01a-priv	Con Sys		-3405574		-1362088128	0.0	Yes
jsc-it-ora01b/ora01b-priv	Con Sys		-452588		-396010624	0.0	Yes
jsc-it-web01a	Con Sys		-728413		-336783552	0.0	Yes
jsc-it-web01b	Con Sys		-313938		-77035424	0.0	Yes
jsc-ird-fs02a	CSM		-10926605		-645426877	0.0	Yes
jsc-ird-fs02b	CSM		-151840		-17575680	0.0	Yes
jsc-ird-fs03a	CSM		-9143587		-1885967488	0.0	Yes
jsc-ird-fs03b	CSM		-132892		-6496576	0.0	Yes
jsc-it-bak01	CSM		0		-32	0.0	Yes
jsc-it-bak01a	CSM		-190742		-7034848	0.0	Yes
jsc-it-bak01b	CSM		-193231		-8068800	0.0	Yes
ddms12	DDMS		-498340		-19750784	0.0	Yes
ddms13	DDMS		-676269		-44996608	0.0	Yes
ddms14	DDMS		-355106		-13951872	0.0	Yes
ddms3-priv	DDMS		-822143		-103044288	0.0	Yes
ddmsp1-priv	DDMS		-451824		-41544992	0.0	Yes
ddmsp2-priv	DDMS		-281137		-29699200	0.0	Yes
ddmsp4-priv	DDMS		-285556		-25730432	0.0	Yes
edcc1	DDMS		-264537		-39284832	0.0	Yes
edcc2	DDMS		-158917		-28812416	0.0	Yes
edcc-dev	DDMS		-829400		-89858144	0.0	Yes
jsc-ird-appdev/appdev-priv	DDMS		-1058976		-400405728	0.0	Yes
jsc-ird-ddms-dev1	DDMS		-281804		-6955296	0.0	Yes
jsc-ird-ddmsa1	DDMS		-457764		-24509920	0.0	Yes
jsc-ird-ddmsa2	DDMS		-941195		-40128352	0.0	Yes
jsc-ird-ddmsi1	DDMS		-450629		-12606432	0.0	Yes
jsc-ird-ddmsi2	DDMS		-446785		-12783200	0.0	Yes
jsc-ird-ddmsp3	DDMS		-280554		-28133952	0.0	Yes
jsc-ird-ddmsp5	DDMS		-441346		-12491072	0.0	Yes
jsc-ird-ddmsp6	DDMS		-441295		-10930752	0.0	Yes
jsc-ird-ddmsp7	DDMS		-441249		-10913152	0.0	Yes
jsc-ird-ddmsp8	DDMS		-441266		-10916160	0.0	Yes
jsc-ird-ddmss1	DDMS		-503682		-14247776	0.0	Yes
jsc-ird-ddmss2	DDMS		-357868		-16583296	0.0	Yes
jsc-ird-ddmss3	DDMS		-441381		-12334048	0.0	Yes
jsc-ird-ddmss4	DDMS		-443915		-12343104	0.0	Yes
jsc-ird-ddmss5	DDMS		-443827		-21381696	0.0	Yes
jsc-ird-doors	DDMS		-210272		-8389216	0.0	Yes
jsc-it-frog	DDMS		-244330		-88206560	0.0	Yes

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Linux/Solaris Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-rt-ecf1	ECF		-565856		-26236288	0.0	Yes
jsc-rt-ecf2	ECF		-602625		-34063616	0.0	Yes
images1	Imagery		-1158688		-412167488	0.0	Yes
images2	Imagery		-4114543		-1032396928	0.0	Yes
jsc-isd-lib01/stic	Imagery		-111380		-9888928	0.0	Yes
jsc-isd-lib04/ston	Imagery		-325052		-13779200	0.0	Yes
bb4	Network Misc		-245747		-4305536	0.0	Yes
lift	Network Misc		-355295		-16688160	0.0	Yes
zowe	Network Misc		-197481		-3011584	0.0	Yes
jsc-ird-uweb	PAO		-395385		-120001888	0.0	Yes
jsc-ird-uwebdv1	PAO		-229532		-5720192	0.0	Yes
jsc-ird-uwebdv2	PAO		-170061		-7088664	0.0	Yes
jsc-ird-dev6	LAB						
jsc-ird-dev7	LAB						
jsc-ird-sqldev	LAB						
jsc-ird-appsdev	LAB						
jsc-isd-lab-216	LAB						

CISAN BACKUP SIZE/FILES AND RESTORE WINDOW VERIFICATION REPORT

Security Clients	Subtask	# of Files Backed Up	Diff (+/-)	Amount of Data Backed Up (In Kbs)	Diff (+/-)	Amount of Data Backed Up (In Gbs)	Restore Window Verification
jsc-it-vms1	CSM		-20276		-3127743	0.0	Yes
appserver	IT SEC		-57472		-110026835	0.0	Yes
dbserver	IT SEC		-51197		-8266422	0.0	Yes
ins-scanner01	IT SEC		-32275		-12692715	0.0	Yes
ins-scanner02	IT SEC		-192111		-3177504	0.0	Yes
inscore46	IT SEC		-18398		-6018956	0.0	Yes
isocore46	IT SEC		-18431		-7273706	0.0	Yes
-pip	IT SEC		-24715		-5892958	0.0	Yes
jscman	IT SEC		-23878		-2440304	0.0	Yes
linux ins scanner	IT SEC		-157762		-5012576	0.0	Yes
Netcontext-CA	IT SEC		-26727116		-220723520	0.0	Yes
Netcontext-NTR	IT SEC		-372017		-42380864	0.0	Yes
jsc-lsd-pptp	IT SEC		-29591		-4632803	0.0	Yes
linux iso scanner	IT SEC		-192111		-3177504	0.0	Yes
mission	IT SEC		-326705		-992525792	0.0	Yes
atlas	IT SEC		-55870		-1852032	0.0	Yes
aidos	IT SEC		-78629		-14481568	0.0	Yes
hyperion	IT SEC		-154637		-108799808	0.0	Yes
hyperion-1	IT SEC		-155169		-93694912	0.0	Yes
nfruil	IT SEC		-90844		-37340416	0.0	Yes
jsc-ird-edw/backdoor-edw	IT SEC		-224677		-78980832	0.0	Yes
jsc-ird-edw-dev/backdoor-dev	IT SEC		-389055		-246015392	0.0	Yes
atropos	IT SEC		-91894		-4632704	0.0	Yes
jsc-ip-nas1	IT SEC		-378137		-266936560	0.0	Yes
themls	IT SEC		-104320		-209480384	0.0	Yes
iso scanner01	IT SEC		-20610		-9199452	0.0	Yes
jsc-lsd-ps1	IT SEC		-26643		-6906260	0.0	Yes
jsc-lsd-ps2	IT SEC		-28566		-5866270	0.0	Yes
jsc-lsd-ps01	IT SEC		-11500		-12688631	0.0	Yes
jsc-lsd-pptpdev	IT SEC		-14076		-2052858	0.0	Yes
im-its-lap01	IT SEC		-32394		-3698073	0.0	Yes
im-its-lap02	IT SEC		-29544		-4438309	0.0	Yes

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC -STD-123. See work page for instructions.)

1. DRD Title Systems Accounting Data (ECF)	2. Date of current version	3. DRL Line Item No. 22	RFP/Contract No. (Procurement completes) NNJ04JA53C
4. Use (<i>Define need for, intended use of, and/or anticipated results of data</i>) To provide accounting data, collected and summarized by user, organization, and program supported.			5. DRD Category: (<i>check one</i>) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA
6. References (<i>Optional</i>)		7. Interrelationships (<i>e.g., with other DRDs</i>) (<i>Optional</i>)	

8. Preparation Information (*Include complete instructions for document preparation*)

The Engineering Computation Facility (ECF) provides computational and storage resources for multiple JSC programs. In order to accurately report to the funding organizations their use of these systems, the system accounting data for each job shall be collected and summarized both monthly and Fiscal Year to date by user, organization, program supported, host, and queue. The following parameters will be included as a minimum in the summaries:

1. CPU time
2. Wall clock time
3. Queue wait time
4. Number of jobs

The CPU times for the use of the MSC/NASTRAN application will be collected and summarized separately by user, organization, and program supported.

09/21/2006 ATTACHMENT J-2
JSC Enabling Technology and Security – NNJ04JA53C
JSC DATA REQUIREMENTS LIST (DRL)
Based on JSC-STD-123

a. Title of Contract, Project, SOW, etc. JSC Enabling Technology and Security			b. Contract/RFP No. NNJ04JA53C/03JDB001		c. DRL Date/Mod Date 10/21/03 / 9/21/06	
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1. Line item no. DRD-01	2. DRD Title Management Plan	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number As per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) Per DRD and CO Letter			9. Remarks		

1. Line item no. DRD-02	2. DRD Title Capital Investment Planning (CIP)	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number As per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) Per DRD and CO Letter			9. Remarks		

1. Line item no. DRD-03	2. DRD Title JETS Metric Report	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number As per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) Per DRD and CO Letter			9. Remarks		

1. Line item no. DRD-04	2. DRD Title Resource Management Plan	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number As per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) Per Contracting Officer's letter			9. Remarks		

09/21/2006 ATTACHMENT J-2
JSC Enabling Technology and Security – NNJ04JA53C
JSC DATA REQUIREMENTS LIST (DRL)
Based on JSC-STD-123

1. Line item no. DRD-05	2. DRD Title Quality Plan	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval (Plan) <input type="checkbox"/> (2) Mandatory Submittal (Reports) <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Per Contracting Officer's letter		9. Remarks			
1. Line item no. DRD-06	2. DRD Title Safety, Health and Environmental Compliance	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter.		9. Remarks			
1. Line item no. DRD-07	2. DRD Title Contractor Status Reports	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter.		9. Remarks			
1. Line item no. DRD-08	2. DRD Title Quality Processes	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter.		9. Remarks			

09/21/2006 ATTACHMENT J-2
JSC Enabling Technology and Security – NNJ04JA53C
JSC DATA REQUIREMENTS LIST (DRL)
Based on JSC-STD-123

1. Line item no. DRD-09	2. DRD Title Wage/Salary and Fringe Benefit Data	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks			
1. Line item no. DRD-10	2. DRD Title Reports, On-Site Contractor Headcount	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks			
1. Line item no. DRD-11	2. DRD Title Performance Management and Capacity Planning	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks			
1. Line item no. DRD-12	2. DRD Title Safety Lessons Learned	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
See DRD	8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks		

09/21/2006 ATTACHMENT J-2
JSC Enabling Technology and Security – NNJ04JA53C
JSC DATA REQUIREMENTS LIST (DRL)
Based on JSC-STD-123

1. Line item no. DRD-13	2. DRD Title Safety and Health Metrics	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
	8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks		

1. Line item no. DRD-14	2. DRD Title IT Security Plans and Reports	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval (Plan) <input type="checkbox"/> (2) Mandatory Submittal (Reports) <input type="checkbox"/> (3) Submitted upon request					
	8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks		

1. Line item no. DRD-15	2. DRD Title Safety and Health Self Evaluation	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
	8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks		

1. Line item no. DRD-16	2. DRD Title Re-procurement Data Package	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
	8. Distribution (<i>Continue on a blank sheet if needed</i>)		9. Remarks		

09/21/2006 ATTACHMENT J-2
JSC Enabling Technology and Security – NNJ04JA53C
JSC DATA REQUIREMENTS LIST (DRL)
Based on JSC-STD-123

		As per DRD and Contracting Officer's letter			
1. Line item no. DRD-17	2. DRD Title Hurricane/Severe Weather Plan	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter			9. Remarks		
1. Line item no. DRD-18	2. DRD Title Facility Layout Drawings	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter			9. Remarks		
Line item no. DRD-19	2. DRD Title Physical Inventory Plan	3. Frequency See DRD	4. As-of-Date	5. 1st subm. Date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter			9. Remarks		
1. Line item no. DRD-20	2. DRD Title 533 Supplemental Cost Report (Resource Mgmt)	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request					
8. Distribution (<i>Continue on a blank sheet if needed</i>)			9. Remarks		

09/21/2006 ATTACHMENT J-2
JSC Enabling Technology and Security – NNJ04JA53C
JSC DATA REQUIREMENTS LIST (DRL)
Based on JSC-STD-123

	As per DRD and Contracting Officer's letter						
1. Line item no. DRD-21	2. DRD Title Server Backup, Restore, & Tape Usage Report	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter		
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks				
1. Line item no. DRD-22	2. DRD Title Systems Accounting Data	3. Frequency See DRD	4. As-of-Date	5. 1st subm. date See DRD	6. Copies a. type b. number Per DRD and CO Letter		
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (<i>Continue on a blank sheet if needed</i>) As per DRD and Contracting Officer's letter		9. Remarks				

JETS Technical Library

Any documents are provided by reference.

Note: IRD was previously the Information Systems Directorate (ISD)

Filename	Description
Facility Manager Handbook	Facility Managers Handbook (September 1994)
* Administrative_Duties.doc	Administrative Duties of Facility Manager (September 1994)
* Hazardous_Potential.doc	Facilities with Hazardous Potential (Acoustic, Vibration, etc) (September 1994)
* Hazardous_Facilities.doc	Critical, Complex, or Hazardous Materials (September 1994)
* Occupational_Health.doc	Asbestos Hazards, etc (September 1994)
* Typical_use.doc	Special Purpose facility information (September 1994)
* Facility_duties.doc	Listing of typical duties (September 1994)
2804g-compendium-formal.doc	Minimum Interoperability Software Suite Compendium (April 2003)
2804g-final.doc	Minimum Interoperability Software Suite (Aug 2003)
2805g-final.doc	Minimum Hardware Configurations (April 2003)
JPD 2800_2.doc	Information Technology I/T Program Management (March 2001)
JPG1440.3.pdf	JSC Files and Record Management Procedures (August 2001)
JPG2810.1B.pdf	Information Technology Security Handbook (October 2001)
JPG5322.1E.pdf	Contamination Control Requirements Manual (November 2000)
JSC-Policy.htm	JPD 2800.1A JSC Information Technology (IT) Program (May 2001)
Jsc-slp4-5.doc	Identification, Handling, Storage, Packaging, Preservation, and Delivery (January 2003)

jsc27877e.doc	ISD Mission Support Plan (December 2001)
jsc29173.doc	ISD Configuration Management Plan with Appendix A (Oct. 2003)
jsc29638.doc	IRD Server Operations Management Plan (September 2003)
jscap.pdf	JSC Contingency Action Plan (December 1999)
jscsptcntrguide.pdf	Contractors Guide for obtaining Support from JSC service organizations (July 1998)
Cr3155.doc	IRD Project Lifecycle Guidelines (Sep. 2003)
MOA46.doc	Memorandum of agreement between ISD and Facility Engineering Division for Bldg 46 (October 2000)
NPD1440-6G.htm	NASA Records Management (December 2002)
npd2810_1.pdf	Security of Information Technology (October 1998)
NPD4300_1.doc	NASA Personal Property Disposal Policy (February 1999)
NPG_1441_1D.doc	NASA Records Retention Schedules (February 2003)
npg1620_1a.pdf	NASA Procedures and Guidelines Security Procedures and Guidelines (November 2001)
npg2810_1.pdf	NASA Procedures and Guidelines Security of Information Technology (August 1999)
NPG4200_1E.doc	NASA Equipment Management Manual (July 1999)
NPG4200-2B.doc	Equipment Management Manual for Property Custodians (September 11, 2003)
npg9501_2d.pdf	NASA Contractor Financial Management Reporting (May 2001)
pki1.pdf	PKI Registration Authority Operations Manual (March 2003)
pki2.pdf	PKI System Administrators Operations Manual

	(May 2002)
Firewall.doc	Procedures for the JSC Institutional Firewall System (Aug. 2003)
Nf1630[1].pdf	Request for access to Classified National Security Information (Oct. 1997)
PrivacyAcNPD1382-17F.doc	Policy for NASA contractors that create and/or maintain Privacy Act records or systems of records for, or on behalf of, NASA. (April 2002)
Server.xls	Fields for Server Registration Database in excel format (August 2003)
smd500-15.doc	JSC Security Management Directive Security Termination Procedures (N/A)
Desktop_standards.pdf	JSC ODIN Desktop Standards (October 2003)
Form634.xls	Structured Fee Approach
JPG5335.pdf	JSC Quality Assurance Manual (January 2003)
JPD5335.htm	JSC Quality Assurance Policy (January 2003)
NPD138217f.pdf	Privacy Act - Internal NASA Direction in Furtherance of NASA Regulation (Revalidated 4/25/03)
slp414f.doc	Corrective and Preventive Action (SLP 4.14) (December 2000)

Acronyms and JSC Organizations List**ACRONYMS**

ACA	Associate Contract Agreement
CIO	Chief Information Officer
CM	Configuration Management
CO	Contracting Officer
COD	Center Operations Directorate
COTR	Contracting Officer's Technical Representative
COTS	Commercial Off-The-Shelf
CPAF	Cost Plus Award Fee
CR	Change Request
CSS	Customer Service System
DD	Department of Defense (form)
DRD	Data Requirements Description
DSSSC	Data Systems Services Support Contract
EDMS	Electronic Data Management System
FAR	Federal Acquisition Regulation
FY	Fiscal Year
H/W	Hardware
IAGP	Installation Accountable Government Property
ID	Identification
IDIQ	Indefinite Delivery Indefinite Quantity
IMPASS	Imagery, Media and Public Affairs Support Services
IRD	Information Resources Directorate
ISO	International Standards Organization
ISS	International Space Station
IT	Information Technology
ITA	Internal Task Agreement
ITS	Information Technology Security
JDMS	JSC Directives Management System
JETS	Johnson Space Center (JSC) Enabling Technologies and Security
JIMMS	Johnson Space Center (JSC) Information Management
JPD	JSC Policy Directive
JPEG	Joint Photographic Engineering Group
JPG	JSC Procedures and Guidelines
JSC	Johnson Space Center
M&O	Maintenance and Operations
MCC	Mission Control Center

Acronyms and JSC Organizations List

MIPL	Mission Imagery Products List
MOU	Memorandum of Understanding
MPEG	Motion Picture Experts Group
MRPA	Master Record and Playback Area
MS	Microsoft
MSP	Mission Support Plan
NACB	Network Access Control Board
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NEEIS	NASA Education Evaluation Information System
NEMS	NASA Equipment Management System
NHB	NASA Handbook
NIEMS	NASA institutional environment management
NISN	NASA Integrated Systems Network
NPD	NASA Policy Directive
NPG	NASA Procedures and Guidelines
NTSC	National Television Standards Committee
OCSM	Organizational Computer Security Manager
ODIN	Outsourcing Desktop Initiative for NASA
ORC	Operational Readiness Check
ORR	Operational Readiness Review
OSHA	Occupational Safety and Health Administration
PAO	Public Affairs Office
PCR	Program Control Room
PDF	Portable Document Format
PEB	Performance Evaluation Board
PKI	Public Key Infrastructure
PM	Preventative Maintenance
QMS	Quality Management System
RA	Registration Authority
RFP	Request For Proposal
ROM	Rough Order Of Magnitude/Read Only Memory
S/G	Space-To-Ground Circuits
S/W	Software
SAN	Storage Area Network
SB	Small Business
SBA	Small Business Administration
SCIAD	Science Advisor
SDB	Small Disadvantaged Business
SEI	Software Engineering Institute

Acronyms and JSC Organizations List

SF	Standard Form
SIP	Shuttle imagery plan
SLP	System Level Procedure
SOMP	Server Operation Management Plan
SOW	Statement Of Work
SR	Service Request
SR&QA	Safety Reliability and Quality Assurance
SSPP	System Safety Program Plans
TBD	To Be Determined
TCP	Transmission Control Protocol
TIFF	Tagged Information File Format
UPS	Uninterruptible Power Supply
WBS	Work Breakdown Structure
YTD	Year To Date

Acronyms and JSC Organizations List**ATTACHMENT J-4****JSC ORGANIZATIONS**

AA	Office of the Center Director
AG	Office of the Chief Engineer
AH	Human Resources Office
AI	Office of the Chief Information Officer
AJ	Equal Opportunity Programs Office
AL	Legal Office
AP	Office of Public Affairs
AQ	ISO 9000 Office
BA	Business Management Directorate
CA	Flight Crew Operations Directorate
DA	Mission Operations Directorate
EA	Engineering Directorate
HA	Technology Transfer and Commercialization Office
IA	Information Resources Directorate
JA	Center Operations Directorate
LA	Office of the Chief Financial Officer
MA	Space Shuttle Program
NA	Safety, Reliability, and Quality Assurance Office
QA/NQ	HEDS Independent Assurance Office
QA	International Space Station Program
RA	White Sands Test Facility
SA	Space and Life Sciences Directorate
TA	Space Operations Management Office
XA	EVA Projects Office

January 1996

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS
ADMINISTRATION

**NOTICE OF INTENTION TO MAKE
A SERVICE CONTRACT AND RESPONSE TO NOTICE**

(See Instructions on Reverse)

1. NOTICE NO.

45864

Memorandum

MAIL TO:

Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, DC 20210

2. Estimated solicitation date (use numerals)

Month

Day

Year

3. Estimated date bids or proposals to be opened or negotiations begun (use numerals)

Month

Day

Year

4. Date contract performance to begin (use numerals)
Extension

Month

09

Day

01

Year

06

5. PLACE(S) OF PERFORMANCE

Harris County, TX

6. SERVICES TO BE PERFORMED (describe)

IV: JSC Enabling Technology & Information Security Contract
Contract Period: 09/01/06 to 08/31/07

7. INFORMATION ABOUT PERFORMANCE

A. ☒ Services now performed by a contractorB. ☐ Services now performed by Federal employeesC. ☐ Services not presently being performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

MEI Technologies, Inc.
2525 Bay Area Blvd., Suite 300
Houston, TX 77058

b. Number(s) of any wage determination(s) in incumbent's contract
WD 94-2516c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). **Important:** Attach copies of current applicable collective bargaining agreements

None

RESPONSE TO NOTICE

(by Department of Labor)

A. ☒ The attached wage determination(s) listed below apply to procurement.
WD 94-2516, Rev 28B. ☐ As of this date, no wage determination applicable to the specified locality and classes of employees is in effect.C. ☐ From information supplied, the Service Contract Act does not apply (see attached explanation).D. ☐ Notice returned for additional information (see attached explanation)

Signed: _____

(U.S. Department of Labor)

(Date)

9. OFFICIAL SUBMITTING NOTICE

SIGNED:

DATE

TYPE OR PRINT NAME

Connie R. Pritchard
Contract Labor Relations Officer

TELEPHONE NO.

281-483-4121

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

NASA Johnson Space Center
Connie R. Pritchard, Mail Code BA2
2101 NASA Parkway
Houston, TX 77058

REGISTER OF WAGE DETERMINATIONS UNDER U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT EMPLOYMENT
STANDARDS ADMINISTRATION
By direction of the Secretary of Labor WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

William W. Gross Division of Wage Determinations Wage Determination No.: 1994-2516
Director Revision No.: 28
Date of Last Revision: 05/24/2006

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston,
Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery,
San Jacinto, Trinity, Walker, Waller, Washington, Wharton

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE MINIMUM WAGE RATE

01000 - Administrative Support and Clerical Occupations

01011 - Accounting Clerk I	11.45
01012 - Accounting Clerk II	12.35
01013 - Accounting Clerk III	13.86
01014 - Accounting Clerk IV	15.29
01030 - Court Reporter	17.73
01050 - Dispatcher, Motor Vehicle	15.40
01060 - Document Preparation Clerk	12.07
01070 - Messenger (Courier)	9.87
01090 - Duplicating Machine Operator	12.07
01110 - Film/Tape Librarian	11.50
01115 - General Clerk I	9.63
01116 - General Clerk II	10.80
01117 - General Clerk III	12.97
01118 - General Clerk IV	14.88
01120 - Housing Referral Assistant	19.36
01131 - Key Entry Operator I	11.20
01132 - Key Entry Operator II	14.32
01191 - Order Clerk I	13.36
01192 - Order Clerk II	15.24
01261 - Personnel Assistant (Employment) I	12.28
01262 - Personnel Assistant (Employment) II	13.79
01263 - Personnel Assistant (Employment) III	16.50
01264 - Personnel Assistant (Employment) IV	17.63
01270 - Production Control Clerk	18.50
01290 - Rental Clerk	14.34
01300 - Scheduler, Maintenance	14.67
01311 - Secretary I	14.67

01312 - Secretary II	17.73
01313 - Secretary III	19.36
01314 - Secretary IV	22.76
01315 - Secretary V	25.57
01320 - Service Order Dispatcher	14.63
01341 - Stenographer I	12.72
01342 - Stenographer II	15.12
01400 - Supply Technician	22.76
01420 - Survey Worker (Interviewer)	15.53
01460 - Switchboard Operator-Receptionist	10.88
01510 - Test Examiner	17.73
01520 - Test Proctor	17.73
01531 - Travel Clerk I	11.56
01532 - Travel Clerk II	12.46
01533 - Travel Clerk III	13.33
01611 - Word Processor I	11.45
01612 - Word Processor II	13.79
01613 - Word Processor III	16.27

03000 - Automatic Data Processing Occupations

03010 - Computer Data Librarian	13.45
03041 - Computer Operator I	13.45
03042 - Computer Operator II	15.53
03043 - Computer Operator III	17.54
03044 - Computer Operator IV	22.60
03045 - Computer Operator V	23.90
03071 - Computer Programmer I (1)	21.12
03072 - Computer Programmer II (1)	26.16
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	27.41
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	13.45

05000 - Automotive Service Occupations

05005 - Automotive Body Repairer, Fiberglass	21.26
05010 - Automotive Glass Installer	21.68
05040 - Automotive Worker	20.91
05070 - Electrician, Automotive	22.66
05100 - Mobile Equipment Servicer	19.27
05130 - Motor Equipment Metal Mechanic	24.53
05160 - Motor Equipment Metal Worker	20.91
05190 - Motor Vehicle Mechanic	24.53
05220 - Motor Vehicle Mechanic Helper	18.48
05250 - Motor Vehicle Upholstery Worker	19.84
05280 - Motor Vehicle Wrecker	20.91
05310 - Painter, Automotive	22.66
05340 - Radiator Repair Specialist	22.88
05370 - Tire Repairer	14.40

05400 - Transmission Repair Specialist	25.17
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	8.01
07010 - Baker	10.04
07041 - Cook I	8.65
07042 - Cook II	9.33
07070 - Dishwasher	8.11
07130 - Meat Cutter	12.36
07250 - Waiter/Waitress	7.75
09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	16.65
09040 - Furniture Handler	11.74
09070 - Furniture Refinisher	16.09
09100 - Furniture Refinisher Helper	13.74
09110 - Furniture Repairer, Minor	15.29
09130 - Upholsterer	16.65
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	9.12
11060 - Elevator Operator	7.39
11090 - Gardener	12.14
11121 - House Keeping Aid I	7.27
11122 - House Keeping Aid II	7.68
11150 - Janitor	8.17
11210 - Laborer, Grounds Maintenance	9.75
11240 - Maid or Houseman	7.27
11270 - Pest Controller	12.98
11300 - Refuse Collector	9.12
11330 - Tractor Operator	11.44
11360 - Window Cleaner	8.92
12000 - Health Occupations	
12020 - Dental Assistant	14.22
12040 - Emergency Medical Technician (EMT)/ Paramedic/Ambulance Driver	12.93
12071 - Licensed Practical Nurse I	14.15
12072 - Licensed Practical Nurse II	15.88
12073 - Licensed Practical Nurse III	17.10
12100 - Medical Assistant	11.91
12130 - Medical Laboratory Technician	13.90
12160 - Medical Record Clerk	13.13
12190 - Medical Record Technician	16.02
12221 - Nursing Assistant I	7.08
12222 - Nursing Assistant II	9.82
12223 - Nursing Assistant III	10.62
12224 - Nursing Assistant IV	12.40
12250 - Pharmacy Technician	13.10
12280 - Phlebotomist	13.30
12311 - Registered Nurse I	24.51

12312 - Registered Nurse II	30.20
12313 - Registered Nurse II, Specialist	32.08
12314 - Registered Nurse III	37.96
12315 - Registered Nurse III, Anesthetist	37.96
12316 - Registered Nurse IV	43.48

13000 - Information and Arts Occupations

13002 - Audiovisual Librarian	18.40
13011 - Exhibits Specialist I	19.30
13012 - Exhibits Specialist II	24.74
13013 - Exhibits Specialist III	28.94
13041 - Illustrator I	17.60
13042 - Illustrator II	22.56
13043 - Illustrator III	26.40
13047 - Librarian	23.29
13050 - Library Technician	12.96
13071 - Photographer I	13.93
13072 - Photographer II	17.60
13073 - Photographer III	22.56
13074 - Photographer IV	26.40
13075 - Photographer V	30.06

15000 - Laundry, Dry Cleaning, Pressing and Related Occupations

15010 - Assembler	7.98
15030 - Counter Attendant	7.98
15040 - Dry Cleaner	10.25
15070 - Finisher, Flatwork, Machine	7.98
15090 - Presser, Hand	7.98
15100 - Presser, Machine, Drycleaning	7.98
15130 - Presser, Machine, Shirts	7.98
15160 - Presser, Machine, Wearing Apparel, Laundry	7.98
15190 - Sewing Machine Operator	10.85
15220 - Tailor	11.67
15250 - Washer, Machine	8.76

19000 - Machine Tool Operation and Repair Occupations

19010 - Machine-Tool Operator (Toolroom)	16.65
19040 - Tool and Die Maker	19.20

21000 - Material Handling and Packing Occupations

21010 - Fuel Distribution System Operator	16.33
21020 - Material Coordinator	18.50
21030 - Material Expediter	18.50
21040 - Material Handling Laborer	12.26
21050 - Order Filler	10.53
21071 - Forklift Operator	12.84
21080 - Production Line Worker (Food Processing)	12.84
21100 - Shipping/Receiving Clerk	12.43
21130 - Shipping Packer	12.43
21140 - Store Worker I	9.57

21150 - Stock Clerk (Shelf Stocker; Store Worker II)	13.57
21210 - Tools and Parts Attendant	13.58
21400 - Warehouse Specialist	12.84
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	23.19
23040 - Aircraft Mechanic Helper	18.07
23050 - Aircraft Quality Control Inspector	24.21
23060 - Aircraft Servicer	20.10
23070 - Aircraft Worker	21.18
23100 - Appliance Mechanic	16.65
23120 - Bicycle Repairer	13.91
23125 - Cable Splicer	20.27
23130 - Carpenter, Maintenance	18.58
23140 - Carpet Layer	15.92
23160 - Electrician, Maintenance	25.19
23181 - Electronics Technician, Maintenance I	15.91
23182 - Electronics Technician, Maintenance II	20.59
23183 - Electronics Technician, Maintenance III	24.17
23260 - Fabric Worker	15.00
23290 - Fire Alarm System Mechanic	17.43
23310 - Fire Extinguisher Repairer	14.40
23340 - Fuel Distribution System Mechanic	19.17
23370 - General Maintenance Worker	15.46
23400 - Heating, Refrigeration and Air Conditioning Mechanic	19.17
23430 - Heavy Equipment Mechanic	17.43
23440 - Heavy Equipment Operator	17.43
23460 - Instrument Mechanic	17.47
23470 - Laborer	10.14
23500 - Locksmith	16.65
23530 - Machinery Maintenance Mechanic	19.81
23550 - Machinist, Maintenance	20.16
23580 - Maintenance Trades Helper	13.58
23640 - Millwright	19.48
23700 - Office Appliance Repairer	16.65
23740 - Painter, Aircraft	18.32
23760 - Painter, Maintenance	16.65
23790 - Pipefitter, Maintenance	19.33
23800 - Plumber, Maintenance	18.87
23820 - Pneudraulic Systems Mechanic	17.47
23850 - Rigger	17.47
23870 - Scale Mechanic	15.92
23890 - Sheet-Metal Worker, Maintenance	17.43
23910 - Small Engine Mechanic	15.92
23930 - Telecommunication Mechanic I	21.33
23931 - Telecommunication Mechanic II	22.28
23950 - Telephone Lineman	21.09
23960 - Welder, Combination, Maintenance	17.43
23965 - Well Driller	17.43
23970 - Woodcraft Worker	17.47
23980 - Woodworker	10.27

24000 - Personal Needs Occupations

24570 - Child Care Attendant	9.68
24580 - Child Care Center Clerk	12.06
24600 - Chore Aid	6.36
24630 - Homemaker	15.41

25000 - Plant and System Operation Occupations

25010 - Boiler Tender	21.14
25040 - Sewage Plant Operator	17.00
25070 - Stationary Engineer	21.14
25190 - Ventilation Equipment Tender	14.33
25210 - Water Treatment Plant Operator	16.65

27000 - Protective Service Occupations

(not set) - Police Officer	21.21
27004 - Alarm Monitor	13.96
27006 - Corrections Officer	18.04
27010 - Court Security Officer	18.04
27040 - Detention Officer	18.04
27070 - Firefighter	17.70
27101 - Guard I	10.14
27102 - Guard II	17.90

28000 - Stevedoring/Longshoremen Occupations

28010 - Blocker and Bracer	16.16
28020 - Hatch Tender	16.16
28030 - Line Handler	16.16
28040 - Stevedore I	15.12
28050 - Stevedore II	17.21

29000 - Technical Occupations

21150 - Graphic Artist	23.11
29010 - Air Traffic Control Specialist, Center (2)	35.18
29011 - Air Traffic Control Specialist, Station (2)	24.26
29012 - Air Traffic Control Specialist, Terminal (2)	26.71
29023 - Archeological Technician I	19.34
29024 - Archeological Technician II	21.66
29025 - Archeological Technician III	26.79
29030 - Cartographic Technician	27.31
29035 - Computer Based Training (CBT) Specialist/ Instructor	25.70
29040 - Civil Engineering Technician	24.82
29061 - Drafter I	16.82
29062 - Drafter II	17.44
29063 - Drafter III	21.12
29064 - Drafter IV	26.79
29081 - Engineering Technician I	15.08
29082 - Engineering Technician II	18.74
29083 - Engineering Technician III	21.81
29084 - Engineering Technician IV	27.69

29085 - Engineering Technician V	36.15
29086 - Engineering Technician VI	41.10
29090 - Environmental Technician	24.76
29100 - Flight Simulator/Instructor (Pilot)	32.45
29160 - Instructor	23.47
29210 - Laboratory Technician	19.77
29240 - Mathematical Technician	28.04
29361 - Paralegal/Legal Assistant I	17.80
29362 - Paralegal/Legal Assistant II	21.38
29363 - Paralegal/Legal Assistant III	26.62
29364 - Paralegal/Legal Assistant IV	29.59
29390 - Photooptics Technician	26.79
29480 - Technical Writer	24.02
29491 - Unexploded Ordnance (UXO) Technician I	22.35
29492 - Unexploded Ordnance (UXO) Technician II	27.05
29493 - Unexploded Ordnance (UXO) Technician III	34.42
29494 - Unexploded (UXO) Safety Escort	22.35
29495 - Unexploded (UXO) Sweep Personnel	22.35
29620 - Weather Observer, Senior (3)	21.81
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	17.99
29622 - Weather Observer, Upper Air	17.99

31000 - Transportation/ Mobile Equipment Operation Occupations

31030 - Bus Driver	15.48
31260 - Parking and Lot Attendant	8.34
31290 - Shuttle Bus Driver	12.67
31300 - Taxi Driver	9.00
31361 - Truckdriver, Light Truck	12.67
31362 - Truckdriver, Medium Truck	14.97
31363 - Truckdriver, Heavy Truck	16.00
31364 - Truckdriver, Tractor-Trailer	16.00

99000 - Miscellaneous Occupations

99020 - Animal Caretaker	8.21
99030 - Cashier	9.10
99041 - Carnival Equipment Operator	9.72
99042 - Carnival Equipment Repairer	10.22
99043 - Carnival Worker	7.50
99050 - Desk Clerk	10.65
99095 - Embalmer	19.59
99300 - Lifeguard	11.75
99310 - Mortician	24.04
99350 - Park Attendant (Aide)	14.75
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	9.48
99500 - Recreation Specialist	14.74
99510 - Recycling Worker	13.45
99610 - Sales Clerk	10.85
99620 - School Crossing Guard (Crosswalk Attendant)	8.29
99630 - Sport Official	11.47

99658 - Survey Party Chief (Chief of Party)	19.92
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	17.23
99660 - Surveying Aide	13.64
99690 - Swimming Pool Operator	13.10
99720 - Vending Machine Attendant	10.91
99730 - Vending Machine Repairer	13.10
99740 - Vending Machine Repairer Helper	11.19

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$3.01 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) **APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL:** An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) **WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges. A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R.

5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}. When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

Current Contract Identifier	Area	COTS Software Name and Version	Operating System and Version	Platform	Level of Support	Org Code
ADSC	Sys. Mgt.	SQL Server 7.00.699	Windows NT 4.0 w/ SP6a	JSC-ISD-ISD	O/S	IA
ADSC	Sys. Mgt.	MS SQL 2000 with SP3 enterprise edition	Windows 2000 Adv server w/ SP2	TLC	O/S	IA
ITSSC	Sys. Mgt.	Brio Enterprise	Windows NT 4.0 w/ SP6a	jsc-If-cfodw	O/S	IA
ITSSC	Sys. Mgt.	Entrust Authority Roaming Server version 6.0	Windows 2000 Adv server w/ SP2	jsc-isd-ps1, jsc-isd-ps2	Full	IA
ITSSC	Sys. Mgt.	IPlanet Directory server version 5.1	Windows 2000 Adv server w/ SP2	jsc-isd-ps1, jsc-isd-ps2	Full	IA
ITSSC	Sys. Mgt.	Coldfusion version 5	Windows NT 4.0 w/ SP6a	jsc-isd-isd	O/S	IA
ITSSC	Sys. Mgt.	Inquiste survey software	Windows NT 4.0 w/ SP6a	jsc-isd-isd	O/S	IA
ITSSC	Sys. Mgt.	Correspondence Management Software	Windows NT 4.0 w/ SP6a	jsc-isd-isd	O/S	IA
ITSSC	Sys. Mgt.	Coldfusion version 5.0	Windows NT 4.0 w/ SP6a	jsc_isd_www41	O/S	IA
ITSSC	Sys. Mgt.	Inquist survey software	Windows NT 4.0 w/ SP6a	jsc_isd_www41	O/S	IA
ITSSC	Sys. Mgt.	Correspondence Management Software	Windows NT 4.0 w/ SP6a	jsc_isd_www41	O/S	IA
ITSSC	Sys. Mgt.	Coldfusion version 5.0	Windows NT 4.0 w/ SP6a	jsc-isd-wwws1, jsc-isd-wwws2	O/S	IA
ITSSC	Sys. Mgt.	Veritas NetBackup SAN Media Server	Windows 2000 Server w/ SP3	jsc-isd-fs01a,jsc-isd-fs01b	Full	IA
ITSSC	Sys. Mgt.	Veritas NetBackup SAN Client	Linux	jsc-isd-fs02	Full	IA
ITSSC	Sys. Mgt.	Veritas Cluster Server	Windows 2000 Server w/ SP3	jsc-isd-fs01a,jsc-isd-fs01b	Full	IA
ITSSC	Sys. Mgt.	Veritas Volume Manager	Windows 2000 Server w/ SP3	jsc-isd-fs01a,jsc-isd-fs01b	Full	IA
IMPASS	Sys. Mgt.	Veritas Backup Exec	Windows 2000 Adv server w/ SP2	DDMS	Full	IA
IMPASS	Sys. Mgt.	Veritas Backup Exec Client	Windows 2000 Adv server w/ SP2	DDMS	Full	IA
IMPASS	Sys. Mgt.	Microsoft Enterprise SQL Server	Windows 2000 Adv server w/ SP2	DDMS	O/S	IA
IMPASS	Sys. Mgt.	Windchill Database	Windows 2000 Adv server w/ SP2	DDMS	O/S	IA
IMPASS	Sys. Mgt.	Symantec Ghost	Windows 2000 Adv server w/ SP2	DDMS	Full	IA
IMPASS	Sys. Mgt.	Adobe Acrobat	Sun Solaris 2.7	EDCC	Full	IA
IMPASS	Sys. Mgt.	Oracle 8.0	Sun Solaris 2.7	EDCC	O/S	IA
IMPASS	Sys. Mgt.	Remedy Action Request System	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	Remedy Web version 4.2	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	MS SQL Server 2000	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	MS SQL Server 7.0	Windows NT 4.0 SP5	jsc-isd-lib14	O/S	IA
IMPASS	Sys. Mgt.	Crystal Enterprise version 8.0	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	Veritas Backup Exec 8.6	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	Full	IA
IMPASS	Sys. Mgt.	Visual SourceSafe	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	Allaire Cold Fusion 4.5	Sun Solaris 2.7	jsc-isd-lib04, jsc-isd-lib05, jsc-isd-lib21	O/S	IA
IMPASS	Sys. Mgt.	Allaire Cold Fusion 4.01	Sun Solaris 2.7	jsc-isd-lib06, jsc-isd-lib14, jsc-isd-lib15	O/S	IA
IMPASS	Sys. Mgt.	Oracle RDBMS 7.3	Sun Solaris 2.7	jsc-isd-lib05	O/S	IA
IMPASS	Sys. Mgt.	C2NetStronghold 2.4.2	Sun Solaris 2.7	jsc-isd-lib06	O/S	IA
IMPASS	Sys. Mgt.	Citrix 2.7	Winframe 3.5.1	jsc-isd-lib07	O/S	IA
IMPASS	Sys. Mgt.	Disk Port Executive 2946-4825-2.2sp	Windows NT 4.0 SP5	jsc-isd-lib08, jsc-isd-vid01	Full	IA
IMPASS	Sys. Mgt.	Ariel Document Delivery System 3.1	Windows NT 4.0 SP5	jsc-isd-lib13	O/S	IA
IMPASS	Sys. Mgt.	Apache Tomcat Server 4.0	Windows 2000 Adv server w/ SP2	jsc-isd-lib21	Full	IA
IMPASS	Sys. Mgt.	Video Asset Management System	Windows NT 4.0 SP5	jsc-isd-vid01, jsc-isd-vid02	O/S	IA
IMPASS	Graphics	Arcserve 2000	Windows 2000	jsc-isd-gra04	Full	IA
IMPASS	Database	Oracle 7.3	Unix	Sun Solaris	O/S	20% MA 80% OC

IMPASS	Digital Imaging Lab	Serv-U Pro	Windows NT 4.0	jsc-isd-dil01, jsc-isd-dil04	Full	IA
IMPASS	Digital Imaging Lab	WFTPD-Pro	Windows 2000	jsc-isd-dil03	Full	IA
IMPASS	Digital Imaging Lab	OTG DiskXtender 2000	Windows 2000	jsc-isd-dil50	Full	IA
IMPASS	Lambda Printing	Durst Lambda 131 Software v6.0	Linux	Compaq Alpha	O/S	IA
DSSSC	ECF	LSF Standard Edition	HP-UX, Tru64 Unix	ECF	Full	75% OA, 25% MA
DSSSC	ECF	LSF Analyzer	HP-UX, Tru64 Unix	ECF	Full	75% OA, 25% MA
DSSSC	ECF	Basic MSC/Nastran	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Superelement Option	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Aeroelasticity	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Design Opt Option	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Add CPU Min outside basic	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	Veritas Volume Manager	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	Veritas Storager Migrator 3.4.1	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	Veritas Netbackup Server	HP-UX 11	ecfh2	Full	75% OA, 25% MA

DSSSC	ECF	Veritas Shared Storage Option	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	HP Secure Manager	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	HP LUN Manager	HP-UX 11	ecfh2	Full	75% OA, 25% MA
	ECF	HP-UX 11	HP-UX 11	ecfh1, ecfh2	Full	75% OA, 25% MA
	ECF	Tru64 Unix	Tru64 Unix	ecfa5, ecfa6, ecfa7	Full	75% OA, 25% MA
DSSSC	Misc.	VAX SSS VAX 4000-200	VMS	ESTL1	Product maint. only for EV	EA
DSSSC	Misc.	VAX/VMS EXT MDDS	VMS	ESTL1	Product maint. only for EV	EA
DSSSC	Misc.	TGV Multinet	VMS	ESTL1	Product maint. only for EV	EA
DSSSC	Misc.	Perfect Disk	VMS	ASD1	Product maint. only for EV	EA
DSSSC	Misc.	DV Tools MNT2 AA BB	VMS		Product maint. only for EV	EA
DSSSC	Misc.	DIGITAL UNIX SSS	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	MMS-RT	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	OPEN 3D	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	OPEN VMS SSS VAX 4000-600	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	OPEN VMS 4 INTERACTIVE USERS	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	OPEN VMS 32 INTERACTIVE USERS	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DECNET FULL FUNCTION	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DW MOTIF	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DEC PHIGS RUNTIME	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	VAXCLUSTER SW	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	FORTTRAN	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DIG UNIX A BAS SSS DEC 4610	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DIG UNIX A JSR LPS 8 USER	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DIG UNIX A USE LPS 32 USER	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	C DEV EXTEN UNIX LPS CONC USE	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DECNET OSI ES U/A LPS	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DEC FORTRAN U/A LPS	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	OVMS ALPHA BIN DOC MDDS CD	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DIGITAL UNIX SNS	Digital Unix	MODAL 9	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250	Digital Unix	MODAL 9	Product maint. only for ES	EA
DSSSC	Misc.	MMS-RT	Digital Unix	MODAL 9	Product maint. only for ES	EA
DSSSC	Misc.	OPEN 3D	Digital Unix	MODAL 9	Product maint. only for ES	EA

DSSSC	Misc.	TGV Multinet	VMS	MODAL2	Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	MODAL3	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250 MDDS	VMS	MODAL4	Product maint. only for ES	EA
DSSSC	Misc.	VMS SNS VSTN 4000-60	VMS	MODAL4	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250 MDDS	VMS	MODAL4	Product maint. only for ES	EA
DSSSC	Misc.	VMS SNS VSTN 4000-60	VMS	MODAL5	Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	MODAL5	Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	MODAL8	Product maint. only for ES	EA
DSSSC	Misc.	ZETA REAL TIME DISPLAY/CONTROL SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	THROUGHPUT ANALYSIS SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	SIGNAL GENERATOR SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	ZONIC DATA MANAGER SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	ZONIC PHASED SINE SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	Zonic PC ZETA		N/A	Product maint. only for ES	EA
DSSSC	Misc.	Zonic Data Acquisition Task Drivers		N/A	Product maint. only for ES	EA
DSSSC	Misc.	2336-SS Networker (NW 100)	Digital Unix		Product maint. only for ES	EA
DSSSC	Misc.	2213-SS Networker NW JB 1-16	Digital Unix		Product maint. only for ES	EA
DSSSC	Misc.	3300-SS Clientpak for Unix	Digital Unix		Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	ASD1	Product maint. only for EV	EA
DSSSC	Misc.	DECNET ROUTER	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	VMS DW MOTIF	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	SWKS DTB SV V/V LPS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	SWKS DTB SV V/V MDDS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	VMS SSS VAX 4000-500	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	DECSEVER 300 SSS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	TERM SERVER MGR	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	PW LM CCS W/D MDDS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	TGV Multinet	VMS	CAD1	Product maint. only for EV	EA
DSSSC	Misc.	VS3500 VMS SNS/OS	VMS	FAULT	Product maint. only for EV	EA
DSSSC	Misc.	VAX C DOC	VMS	FAULT	Product maint. only for EV	EA
DSSSC	Misc.	VMII VMS SNS/OS	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VAX/VMS BASE DOC	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VAXLAB SW LIB DOC	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VAX GKS DOC	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VS3100 VMS SNS/OS	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	MICROVMS SW DOC	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	VAXLAB SW LIB DOC	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	TGV Multinet	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	ULTRIX WS VS2000 SNS/OS	Digital Unix	tbd	Product maint. only for EV	EA
DSSSC	Misc.	ULTRIX WS MDDS	Digital Unix	tbd	Product maint. only for EV	EA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA

DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	CAFTA for Windows	Windows	tbd	Product maint. only for OA	OA
DSSSC	Misc.	CAFTA for Windows	Windows	tbd	Product maint. only for OA	OA
ITSSC	Sys. Mgt.	Microsoft Operating System (Windows 2000)	Windows	Compaq Proliant	Full	IP
ITSSC	Sys. Mgt.	Sun Operating System (Solaris 2.6, Solaris 8)	Sun OS (Solaris 2.6, Solaris 8)	Sun Sparc	Full	IP
ITSSC	Sys. Mgt.	Checkpoint FW-1, VPN-1, NG	Sun Solaris 2.6	Sun Sparc	Full	IP
ITSSC	Sys. Mgt.	RaptorMobile-EC	DEC UNIX 4.0F	Dec Alpha 1000A	End-of-Life Product, No Support	IP
ITSSC	Sys. Mgt.	Netscape Proxy Server Version 1.12	Sun Solaris 8	Sun Sparc	End-of-Life Product, No Support	IP
ITSSC	Sys. Mgt.	Netscreen OS	Netscreen OS	Netscreen 5200	Full	IP
ITSSC	Sys. Mgt.	RealSecure	RealSecure	RealSecure	Full	IP
ITSSC	Sys. Mgt.	Network Flight Recorder	Network Flight Recorder	Network Flight Recorder	Full	IP
ITSSC	Sys. Mgt.	Neoteris Server	Neoteris	Neoteris	Full	IP
ITSSC	Sys. Mgt.	Radius Authentication Server	Radius	Sun Sparc	Full	IP
LEVEL OF SUPPORT DEFINITIONS						
FULL: The contractor is responsible for the entire range of tasks required to maintain the software in a secure and stable operating condition. In addition, the contractor is responsible for tracking and renewing license agreements.						
FULL*: The contractor is responsible for the entire range of tasks required to maintain the software in a secure and stable operating condition. The contractor is responsible for tracking license agreements. The Government will handle the software license renewal.						
O/S: The operation and maintenance of the software is considered to includes Operating System and						

<p>Application Administration functions. For those tasks that have Application Administration functions, the contractor is required to delineate those tasks, through an ACA, with the appropriate Application Administration contractor. Tracking and renewing license agreements is the responsibility of the contractor.</p>			
<p>PRODUCT MAINTENANCE: The contractor is responsible for tracking and renewing license agreements only.</p>			

Current Contract Identifier	Area	COTS Software Name and Version	Operating System and Version	Platform	Level of Support	Org Code
ADSC	Sys. Mgt.	SQL Server 7.00.699	Windows NT 4.0 w/ SP6a	JSC-ISD-ISD	O/S	IA
ADSC	Sys. Mgt.	MS SQL 2000 with SP3 enterprise edition	Windows 2000 Adv server w/ SP2	TLC	O/S	IA
ITSSC	Sys. Mgt.	Brio Enterprise	Windows NT 4.0 w/ SP6a	jsc-lf-cfodw	O/S	IA
ITSSC	Sys. Mgt.	Entrust Authority Roaming Server version 6.0	Windows 2000 Adv server w/ SP2	jsc-isd-ps1, jsc-isd-ps2	Full	IA
ITSSC	Sys. Mgt.	IPlanet Directory server version 5.1	Windows 2000 Adv server w/ SP2	jsc-isd-ps1, jsc-isd-ps2	Full	IA
ITSSC	Sys. Mgt.	Coldfusion version 5	Windows NT 4.0 w/ SP6a	jsc-isd-isd	O/S	IA
ITSSC	Sys. Mgt.	Inquiste survey software	Windows NT 4.0 w/ SP6a	jsc-isd-isd	O/S	IA
ITSSC	Sys. Mgt.	Correspondence Management Software	Windows NT 4.0 w/ SP6a	jsc-isd-isd	O/S	IA
ITSSC	Sys. Mgt.	Coldfusion version 5.0	Windows NT 4.0 w/ SP6a	jsc_isd_www41	O/S	IA
ITSSC	Sys. Mgt.	Inquist survey software	Windows NT 4.0 w/ SP6a	jsc_isd_www41	O/S	IA
ITSSC	Sys. Mgt.	Correspondence Management Software	Windows NT 4.0 w/ SP6a	jsc_isd_www41	O/S	IA
ITSSC	Sys. Mgt.	Coldfusion version 5.0	Windows NT 4.0 w/ SP6a	jsc-isd-wwws1, jsc-isd-wwws2	O/S	IA
ITSSC	Sys. Mgt.	Veritas NetBackup SAN Media Server	Windows 2000 Server w/ SP3	jsc-isd-fs01a,jsc-isd-fs01b	Full	IA
ITSSC	Sys. Mgt.	Veritas NetBackup SAN Client	Linux	jsc-isd-fs02	Full	IA
ITSSC	Sys. Mgt.	Veritas Cluster Server	Windows 2000 Server w/ SP3	jsc-isd-fs01a,jsc-isd-fs01b	Full	IA
ITSSC	Sys. Mgt.	Veritas Volume Manager	Windows 2000 Server w/ SP3	jsc-isd-fs01a,jsc-isd-fs01b	Full	IA
IMPASS	Sys. Mgt.	Veritas Backup Exec	Windows 2000 Adv server w/ SP2	DDMS	Full	IA
IMPASS	Sys. Mgt.	Veritas Backup Exec Client	Windows 2000 Adv server w/ SP2	DDMS	Full	IA
IMPASS	Sys. Mgt.	Microsoft Enterprise SQL Server	Windows 2000 Adv server w/ SP2	DDMS	O/S	IA
IMPASS	Sys. Mgt.	Windchill Database	Windows 2000 Adv server w/ SP2	DDMS	O/S	IA
IMPASS	Sys. Mgt.	Symantec Ghost	Windows 2000 Adv server w/ SP2	DDMS	Full	IA
IMPASS	Sys. Mgt.	Adobe Acrobat	Sun Solaris 2.7	EDCC	Full	IA
IMPASS	Sys. Mgt.	Oracle 8.0	Sun Solaris 2.7	EDCC	O/S	IA
IMPASS	Sys. Mgt.	Remedy Action Request System	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	Remedy Web version 4.2	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	MS SQL Server 2000	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	MS SQL Server 7.0	Windows NT 4.0 SP5	jsc-isd-lib14	O/S	IA
IMPASS	Sys. Mgt.	Crystal Enterprise version 8.0	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	Veritas Backup Exec 8.6	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	Full	IA
IMPASS	Sys. Mgt.	Visual SourceSafe	Windows 2000 Adv server w/ SP2	jsc-isd-hummer1 through jsc-isd-hummer5	O/S	IA
IMPASS	Sys. Mgt.	Allaire Cold Fusion 4.5	Sun Solaris 2.7	jsc-isd-lib04, jsc-isd-lib05, jsc-isd-lib21	O/S	IA
IMPASS	Sys. Mgt.	Allaire Cold Fusion 4.01	Sun Solaris 2.7	jsc-isd-lib06, jsc-isd-lib14, jsc-isd-lib15	O/S	IA
IMPASS	Sys. Mgt.	Oracle RDBMS 7.3	Sun Solaris 2.7	jsc-isd-lib05	O/S	IA
IMPASS	Sys. Mgt.	C2NetStronghold 2.4.2	Sun Solaris 2.7	jsc-isd-lib06	O/S	IA
IMPASS	Sys. Mgt.	Citrix 2.7	Winframe 3.5.1	jsc-isd-lib07	O/S	IA
IMPASS	Sys. Mgt.	Disk Port Executive 2946-4825-2.2sp	Windows NT 4.0 SP5	jsc-isd-lib08, jsc-isd-vid01	Full	IA
IMPASS	Sys. Mgt.	Ariel Document Delivery System 3.1	Windows NT 4.0 SP5	jsc-isd-lib13	O/S	IA
IMPASS	Sys. Mgt.	Apache Tomcat Server 4.0	Windows 2000 Adv server w/ SP2	jsc-isd-lib21	Full	IA
IMPASS	Sys. Mgt.	Video Asset Management System	Windows NT 4.0 SP5	jsc-isd-vid01, jsc-isd-vid02	O/S	IA
IMPASS	Graphics	Arcserve 2000	Windows 2000	jsc-isd-gra04	Full	IA
IMPASS	Database	Oracle 7.3	Unix	Sun Solaris	O/S	20% MA 80% OC

IMPASS	Digital Imaging Lab	Serv-U Pro	Windows NT 4.0	jsc-isd-dil01, jsc-isd-dil04	Full	IA
IMPASS	Digital Imaging Lab	WFTPD-Pro	Windows 2000	jsc-isd-dil03	Full	IA
IMPASS	Digital Imaging Lab	OTG DiskXtender 2000	Windows 2000	jsc-isd-dil50	Full	IA
IMPASS	Lambda Printing	Durst Lambda 131 Software v6.0	Linux	Compaq Alpha	O/S	IA
DSSSC	ECF	LSF Standard Edition	HP-UX, Tru64 Unix	ECF	Full	75% OA, 25% MA
DSSSC	ECF	LSF Analyzer	HP-UX, Tru64 Unix	ECF	Full	75% OA, 25% MA
DSSSC	ECF	Basic MSC/Nastran	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Superelement Option	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Aeroelasticity	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Design Opt Option	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	MSC/Nastran Add CPU Min outside basic	HP-UX, Tru64 Unix, Linux, Windows 2000 , 72 concurrent use licenses	ECF	Full	75% OA, 25% MA
DSSSC	ECF	Veritas Volume Manager	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	Veritas Storager Migrator 3.4.1	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	Veritas Netbackup Server	HP-UX 11	ecfh2	Full	75% OA, 25% MA

DSSSC	ECF	Veritas Shared Storage Option	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	HP Secure Manager	HP-UX 11	ecfh2	Full	75% OA, 25% MA
DSSSC	ECF	HP LUN Manager	HP-UX 11	ecfh2	Full	75% OA, 25% MA
	ECF	HP-UX 11	HP-UX 11	ecfh1, ecfh2	Full	75% OA, 25% MA
	ECF	Tru64 Unix	Tru64 Unix	ecfa5, ecfa6, ecfa7	Full	75% OA, 25% MA
DSSSC	Misc.	VAX SSS VAX 4000-200	VMS	ESTL1	Product maint. only for EV	EA
DSSSC	Misc.	VAX/VMS EXT MDDS	VMS	ESTL1	Product maint. only for EV	EA
DSSSC	Misc.	TGV Multinet	VMS	ESTL1	Product maint. only for EV	EA
DSSSC	Misc.	Perfect Disk	VMS	ASD1	Product maint. only for EV	EA
DSSSC	Misc.	DV Tools MNT2 AA BB	VMS		Product maint. only for EV	EA
DSSSC	Misc.	DIGITAL UNIX SSS	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	MMS-RT	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	OPEN 3D	Digital Unix	MODAL 10	Product maint. only for ES	EA
DSSSC	Misc.	OPEN VMS SSS VAX 4000-600	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	OPEN VMS 4 INTERACTIVE USERS	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	OPEN VMS 32 INTERACTIVE USERS	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DECNET FULL FUNCTION	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DW MOTIF	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DEC PHIGS RUNTIME	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	VAXCLUSTER SW	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	FORTTRAN	VMS	MODAL 6	Product maint. only for ES	EA
DSSSC	Misc.	DIG UNIX A BAS SSS DEC 4610	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DIG UNIX A JSR LPS 8 USER	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DIG UNIX A USE LPS 32 USER	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	C DEV EXTEN UNIX LPS CONC USE	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DECNET OSI ES U/A LPS	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DEC FORTTRAN U/A LPS	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	OVMS ALPHA BIN DOC MDDS CD	VMS	MODAL 8	Product maint. only for ES	EA
DSSSC	Misc.	DIGITAL UNIX SNS	Digital Unix	MODAL 9	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250	Digital Unix	MODAL 9	Product maint. only for ES	EA
DSSSC	Misc.	MMS-RT	Digital Unix	MODAL 9	Product maint. only for ES	EA
DSSSC	Misc.	OPEN 3D	Digital Unix	MODAL 9	Product maint. only for ES	EA

DSSSC	Misc.	TGV Multinet	VMS	MODAL2	Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	MODAL3	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250 MDDS	VMS	MODAL4	Product maint. only for ES	EA
DSSSC	Misc.	VMS SNS VSTN 4000-60	VMS	MODAL4	Product maint. only for ES	EA
DSSSC	Misc.	NAS 250 MDDS	VMS	MODAL4	Product maint. only for ES	EA
DSSSC	Misc.	VMS SNS VSTN 4000-60	VMS	MODAL5	Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	MODAL5	Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	MODAL8	Product maint. only for ES	EA
DSSSC	Misc.	ZETA REAL TIME DISPLAY/CONTROL SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	THROUGHPUT ANALYSIS SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	SIGNAL GENERATOR SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	ZONIC DATA MANAGER SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	ZONIC PHASED SINE SOFTWARE		N/A	Product maint. only for ES	EA
DSSSC	Misc.	Zonic PC ZETA		N/A	Product maint. only for ES	EA
DSSSC	Misc.	Zonic Data Acquisition Task Drivers		N/A	Product maint. only for ES	EA
DSSSC	Misc.	2336-SS Networker (NW 100)	Digital Unix		Product maint. only for ES	EA
DSSSC	Misc.	2213-SS Networker NW JB 1-16	Digital Unix		Product maint. only for ES	EA
DSSSC	Misc.	3300-SS Clientpak for Unix	Digital Unix		Product maint. only for ES	EA
DSSSC	Misc.	TGV Multinet	VMS	ASD1	Product maint. only for EV	EA
DSSSC	Misc.	DECNET ROUTER	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	VMS DW MOTIF	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	SWKS DTB SV V/V LPS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	SWKS DTB SV V/V MDDS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	VMS SSS VAX 4000-500	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	DECSERVER 300 SSS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	TERM SERVER MGR	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	PW LM CCS W/D MDDS	VMS	ASD1/ASD	Product maint. only for EV	EA
DSSSC	Misc.	TGV Multinet	VMS	CAD1	Product maint. only for EV	EA
DSSSC	Misc.	VS3500 VMS SNS/OS	VMS	FAULT	Product maint. only for EV	EA
DSSSC	Misc.	VAX C DOC	VMS	FAULT	Product maint. only for EV	EA
DSSSC	Misc.	VMII VMS SNS/OS	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VAX/VMS BASE DOC	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VAXLAB SW LIB DOC	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VAX GKS DOC	VMS	JAELMV	Product maint. only for EV	EA
DSSSC	Misc.	VS3100 VMS SNS/OS	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	MICROVMS SW DOC	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	VAXLAB SW LIB DOC	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	TGV Multinet	VMS	PTHSVR	Product maint. only for EV	EA
DSSSC	Misc.	ULTRIX WS VS2000 SNS/OS	Digital Unix	tbd	Product maint. only for EV	EA
DSSSC	Misc.	ULTRIX WS MDDS	Digital Unix	tbd	Product maint. only for EV	EA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA

DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VMS SNS/OS VAX 4000-60	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	VOL SHADOW	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	NAS 250	VMS	tbd	Product maint. only for OA	OA
DSSSC	Misc.	CAFTA for Windows	Windows	tbd	Product maint. only for OA	OA
DSSSC	Misc.	CAFTA for Windows	Windows	tbd	Product maint. only for OA	OA
ITSSC	Sys. Mgt.	Microsoft Operating System (Windows 2000)	Windows	Compaq Proliant	Full	IP
ITSSC	Sys. Mgt.	Sun Operating System (Solaris 2.6, Solaris 8)	Sun OS (Solaris 2.6, Solaris 8)	Sun Sparc	Full	IP
ITSSC	Sys. Mgt.	Checkpoint FW-1, VPN-1, NG	Sun Solaris 2.6	Sun Sparc	Full	IP
ITSSC	Sys. Mgt.	RaptorMobile-EC	DEC UNIX 4.0F	Dec Alpha 1000A	End-of-Life Product, No Support	IP
ITSSC	Sys. Mgt.	Netscape Proxy Server Version 1.12	Sun Solaris 8	Sun Sparc	End-of-Life Product, No Support	IP
ITSSC	Sys. Mgt.	Netscreen OS	Netscreen OS	Netscreen 5200	Full	IP
ITSSC	Sys. Mgt.	RealSecure	RealSecure	RealSecure	Full	IP
ITSSC	Sys. Mgt.	Network Flight Recorder	Network Flight Recorder	Network Flight Recorder	Full	IP
ITSSC	Sys. Mgt.	Neoteris Server	Neoteris	Neoteris	Full	IP
ITSSC	Sys. Mgt.	Radius Authentication Server	Radius	Sun Sparc	Full	IP
LEVEL OF SUPPORT DEFINITIONS						
FULL: The contractor is responsible for the entire range of tasks required to maintain the software in a secure and stable operating condition. In addition, the contractor is responsible for tracking and renewing license agreements.						
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Application Administration functions. For those tasks that have Application Administration functions, the contractor is required to delineate those tasks, through an ACA, with the appropriate Application Administration contractor. Tracking and renewing license agreements is the responsibility of the contractor.			
PRODUCT MAINTENANCE: The contractor is responsible for tracking and renewing license agreements only.			

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type	BLDG	SYSID ¹	SYSCOMP ²	Section J-7 cross-reference	Maintenance Type	Warranty/Maint Expiration
ITSSC	Dell	PowerEdge 2450	2WM0B01	SERVER, POWEREDGE 2450	IAGP	46	la-elm2	ETM	CFO	WARRANTY	1/17/2004
ITSSC	Dell	PowerEdge 2450	4WM0B01	SERVER, POWEREDGE 2450	IAGP	46	la-elm1 cluster: elmweb	ETM	CFO	WARRANTY	1/17/2004
ITSSC	Dell	PowerVault 200S Disk Enclosure	F55X901	Disk Enclosure	IAGP	46		ETM	CFO	WARRANTY	1/17/2004
ITSSC	Compaq	ProLiant 5500	D011CQZ3K152	SERVER, ADP	IAGP	46	jsc-la-ticsql2	TLC	CFO	Full	9/30/2004
ITSSC	Compaq	ProLiant 5500	D011CQZ3K033	SERVER, ADP	IAGP	46	lclbackup	TLC	CFO	Full	9/30/2004
ITSSC	HP	SureStore LTO Tape Unit	USOCE00013	TAPE DRIVE, AUTOLOADER	IAGP	46		TLC	CFO	WARRANTY	4/26/2004
ITSSC	Dell	PowerVault 56F SAN Switch	BW90N01	SAN Switch	IAGP	46		TLC	CFO	WARRANTY	6/14/2004
ITSSC	Dell	PowerVault 56F SAN Switch	7W90N01	SAN Switch	IAGP	46		TLC	CFO	WARRANTY	6/14/2004
ITSSC	Compaq	ProLiant 5500	D011CQZ3K004	SERVER, ADP	IAGP	46	jsc-la-ticsql1	TLC	CFO	Full	9/30/2004
ITSSC	Dell	PowerVault 680F Disk Enclosure	1GRJK01	Disk Enclosure	IAGP	46		TLC	CFO	WARRANTY	5/4/2004
ITSSC	Compaq	ProLiant 3000	D010DDL1K050	SERVER, ADP	IAGP	46	jsc-ll-cfodw	CFODW	CFO	Full	9/30/2004
ITSSC	Dell	PowerEdge 8450	HJY4K01	SERVER, ADP	IAGP	46	jsc-la-lclweb	TLC	CFO	WARRANTY	5/4/2004
ITSSC	Dell	PowerEdge 8450	CJY4K01	SERVER, ADP	IAGP	46	jsc-la-lclweb2	TLC	CFO	WARRANTY	5/4/2004
ITSSC	Dell	PowerEdge 8450	FJY4K01	SERVER, ADP	IAGP	46	jsc-la-lclweb1	TLC	CFO	WARRANTY	5/4/2004
IMPASS					CAGP	8	IMPASS003		Contract Administration	T&M	
IMPASS					CAGP	8	IMPASSWEB_BDN		Contract Administration	T&M	
IMPASS	Dell				CAGP	8	JSCIMPASSBDN		Administration	T&M	
IMPASS	Dell				CAGP	8	JSCIMPASSCFG1		Contract Administration	T&M	
IMPASS	Dell	PowerEdge			CAGP	8	JSCIMPASSWEBSE		Contract Administration	WARRANTY	2/1/2005
IMPASS	Dell	PowerEdge 4400			CAGP	8	JSCIMPASSWWW1		Contract Administration	T&M	
ITSSC	Dataco Derex	MT1311	175473060001	COMPUTER, MICRO	IAGP	1	JSC-AA-CR945-S2	CR945	CR945	WARRANTY	12/30/2005
ITSSC	HP	PROLIANT DL580	D312FSZ1H175	SERVER, ADP	IAGP	46	JSC-4SD-FS01B	CSM	CSM	WARRANTY	6/8/2005
ITSSC	HP	PROLIANT DL580	D312FSZ1H190	SERVER, ADP	IAGP	46	JSC-4SD-FS01A	CSM	CSM	WARRANTY	6/8/2005
ITSSC	Quantum	Guardian 14000		SnapServer	IAGP	46	JSC-4SD-FS02	CSM	CSM	WARRANTY	6/8/2005
IMPASS	Dell	PowerEdge 8650	7QGGX21	SERVER, ADP	IAGP	46	JSC-4SD-HUMMER7	CSS	CSS	Full	9/30/2004
IMPASS	Dell	PowerEdge 8650	8QGGX21	SERVER, ADP	IAGP	46	JSC-4SD-HUMMER6	CSS	CSS	Full	9/30/2004
IMPASS	Compaq	ProLiant DL380	DO11DKN1K127	COMPUTER, MICRO	IAGP	46	JSC-4SD-HUMMER3	CSS	CSS	Full	9/30/2004
IMPASS	Compaq	ProLiant DL380	DO11DKN1K168	COMPUTER, MICRO	IAGP	46	JSC-4SD-HUMMER1	CSS	CSS	Full	9/30/2004
IMPASS	Compaq	ProLiant DL380	DO11DKN1K078	COMPUTER, MICRO	IAGP	46	JSC-4SD-HUMMER2	CSS	CSS	Full	9/30/2004
Civil Servant	Compaq	StorageWorks TL891 Mini Library	3G08CR833019	TAPE LIBRARY, STORAGE	IAGP	46	Remedy Backup Tape		CSS	WARRANTY	10/17/2003
Civil Servant	Compaq	DS-TL891-NE	2K03100245	Tape Library Expansion	IAGP	46			CSS		9/22/2002
IMPASS	Dell	PowerEdge 8650	4Y1YN01	SERVER, ADP	IAGP	46	JSC-4SD-HUMMER4	CSS	CSS	WARRANTY	6/22/2004
IMPASS	Dell	PowerEdge 8650	5Y1YN01	SERVER, ADP	IAGP	46	JSC-4SD-HUMMER5	CSS	CSS	WARRANTY	6/22/2004
IMPASS	Dell	2450	G4PPH01	COMPUTER, MICRO	IAGP	46	DDMS0	DDMS	DDMS	WARRANTY	4/4/2004
IMPASS	Dell	56F	8XLFJ01	SAN Switch	IAGP	46		DDMS	DDMS	WARRANTY	1/2/2006
IMPASS	Dell	AVM	2K8DJ01	Disk Enclosure	IAGP	46		DDMS	DDMS	WARRANTY	4/20/2004
IMPASS	Sun	Fire V480 Server	325VD477	Server	IAGP	46	DDMS10	DDMS	DDMS	WARRANTY	4/19/2005
IMPASS	Sun	Sun Fire V480 Server	325VD468	Server	IAGP	46	DDMS11	DDMS	DDMS	WARRANTY	4/19/2005
IMPASS	Shark		0560A00271	KVM	IAGP	46		DDMS	DDMS	WARRANTY	4/20/2005
IMPASS	Dell	PowerEdge 2650		Server	IAGP	46	DDMS15	DDMS	DDMS	WARRANTY	7/16/2006
IMPASS	Dell	PowerEdge 2650		Server	IAGP	46	DDMS16	DDMS	DDMS	WARRANTY	7/16/2006
IMPASS	HP	MSL5000	US3BS04989	Tape Autoloader	IAGP	46		DDMS	DDMS	WARRANTY	7/9/2006
IMPASS	Cisco			Network Switch	IAGP	46		DDMS	DDMS	WARRANTY	7/16/2006
IMPASS	Dell	2550	47QZD11	Server	IAGP	46	DDMS8	DDMS	DDMS	WARRANTY	4/17/2005
IMPASS	Dell	2550	67QZD11	Server	IAGP	46	DDMS9	DDMS	DDMS	WARRANTY	4/17/2005
IMPASS	Dell	CLAN5000	6N52001	SWITCH, GIGANET	IAGP	46		DDMS	DDMS	WARRANTY	1/2/2006
IMPASS	GIGANET	CLAN500	301600160	SWITCHER	IAGP	46		DDMS	DDMS	WARRANTY	1/16/2004
IMPASS	Dell	2550	3XL7X01	SERVER, ADP	IAGP	46	DDMS7	DDMS	DDMS	WARRANTY	10/2/2004
IMPASS	Dell	56F	402BX01	SAN Switch	IAGP	46		DDMS	DDMS	WARRANTY	11/2/2004
IMPASS	Dell	8450	D4J7T01	Server	IAGP	46	DDMS5	DDMS	DDMS	WARRANTY	8/22/2004
IMPASS	Dell	8450	F4J7T01	Server	IAGP	46	DDMS6	DDMS	DDMS	WARRANTY	8/22/2004
IMPASS	Dell	8450	J7XHJ01	Server	IAGP	46	DDMS4	DDMS	DDMS	WARRANTY	4/17/2004
IMPASS	Dell	AVM	48R1Y01	Disk Enclosure	IAGP	46		DDMS	DDMS	WARRANTY	11/7/2004
IMPASS	Dell	200S	4P52B01	Disk Enclosure	IAGP	46		DDMS	DDMS	WARRANTY	1/16/2004
IMPASS	Dell	8450	C2KBB01	Server	IAGP	46	DDMS1	DDMS	DDMS	WARRANTY	1/17/2004
IMPASS	Dell	8450	83KBB01	Server	IAGP	46	DDMS2	DDMS	DDMS	WARRANTY	1/16/2004
IMPASS	Dell	8450	82KBB01	Server	IAGP	46	DDMS3	DDMS	DDMS	WARRANTY	1/17/2004
IMPASS	Sun	Fire 280R Server	322AD1EF7	SERVER, ADP	IAGP	46	DDMS14	DDMS	DDMS	WARRANTY	4/19/2005
IMPASS	Sun	Fire 280R Server	322AD1EF8	SERVER, ADP	IAGP	46	DDMS13	DDMS	DDMS	WARRANTY	4/19/2005
IMPASS	Sun	Fire 280R Server	322AD1F2D	SERVER, ADP	IAGP	46	DDMS12	DDMS	DDMS	WARRANTY	4/19/2005
DSSSC	COMPAQ		DF000002360	SAN Switch	IAGP	46	ECF	ECF	ECF	Full	8/31/2002
DSSSC	COMPAQ		DF000002389	SAN Switch	IAGP	46	ECF	ECF	ECF	Full	8/31/2002
DSSSC	COMPAQ	DH-64AAA-AK	NB93704597	ALPHA SERVER	IAGP	46	ECFA-5	ECFA-5	ECF	Full	8/31/2002
DSSSC	COMPAQ	DH-64AAA-AK	NB93704596	ALPHA SERVER	IAGP	46	ECFA-6	ECFA-6	ECF	Full	8/31/2002

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DSSSC	COMPAQ	DH-64AAA-AK	0H93704598	ALPHA SERVER	IAGP	46	ECFA-7	ECFA-7	ECF	Full	8/31/2002
DSSSC	DLT	DS-1288N	1218314	DLT TAPE DRIVE	IAGP	46	ECF	ECF	ECF	Full	8/31/2002
DSSSC	COMPAQ	H9A10MC	E29380B261	ALPHA CABINET	IAGP	46	ECF	ECF	ECF	Full	8/31/2002
DSSSC	COMPAQ	625	8041855	DISPLAY UNIT	IAGP	46	ECF	ECF	ECF	Full	8/31/2002
DSSSC	COMPAQ	DS-SWXES-HA	1943CRMZ2640	STORAGE ARRAY	IAGP	46	ECF	ECF	ECF	Full	8/31/2002
DSSSC	Hewlett Packard	Brocade Switch	06000091293	HP 16 port Brocade Switch	IAGP	46	ECFH	ECFH	ECF	WARR via ODIN PO	6/15/2004
DSSSC	Hewlett Packard			Monitor/18641	IAGP	46	ECF	ECF	ECF	WARR via ODIN PO	10/31/2003
DSSSC	Hewlett Packard	HP 9000	US000048705	HP Cabinet	IAGP	46	ECFH-1	ECFH	ECF	WARR via ODIN PO	10/31/2003
DSSSC	Hewlett Packard	Sure Store E Tape Lib	USM4035577	HP N4000 Enterprise Server	IAGP	46	ECFH-XP	ECFH	ECF	WARR via ODIN PO	10/31/2003
DSSSC	Hewlett Packard	HP XP512	USP0005120	HP Sure Store E Tape Lib	IAGP	46	ECFH-XP	ECFH	ECF	WARR via ODIN PO	10/31/2003
DSSSC	Hewlett Packard	HP PA8500	JFH6030227	HP Sure Store Disk Array	IAGP	46	ECFH-XP	ECFH	ECF	WARR via ODIN PO	10/31/2003
DSSSC	Hewlett Packard	Brocade Switch	US54036049	HP L Class Server	IAGP	46	ECFH-2	ECFH	ECF	WARR via ODIN PO	10/31/2003
IMPASS	Sun	E450	06000091346	HP 16 port Brocade Switch	IAGP	46	ECFH	ECFH	ECF	WARR via ODIN PO	6/15/2004
IMPASS	Sun	E450	921H23F0	COMPUTER, MICRO	IAGP	46	EDCC2	EDCC	EDCC	T&M	
IMPASS	Sun	E450	932H36DA	Monitor/18641	IAGP	46	EDCC2	EDCC	EDCC	T&M	
IMPASS	Sony	LT502-T3L	675415	COMPUTER, MICRO	IAGP	46	EDCC1	EDCC	EDCC	T&M	
IMPASS	Sun	E450		TAPE DRIVE, EXTERNAL	IAGP	46	EDCC1	EDCC	EDCC	WARRANTY	7/5/2004
IMPASS	Sun	E450	949H201E	Monitor/18842	IAGP	46	EDCC1	EDCC	EDCC	T&M	
IMPASS	Custom	Custom	None	COMPUTER, MICRO	IAGP	46	EDCC-DEV	EDCC	EDCC	T&M	
IMPASS	Custom	Custom	None	Monitor/19740	IAGP	46	EDCC-DEV	EDCC	EDCC	T&M	
IMPASS	Custom	Custom	None	Data Conversion Dept Server	CAGP	227	JSC-ISO-DC01		GRAPHICS	T&M	
IMPASS	Custom	Custom	None	Color Plotter Controller	IAGP	227	JSC-ISO-GRA02		GRAPHICS	T&M	
IMPASS	Custom	Custom	None	Print Shop File/Print Queue Server	CAGP	227	JSC-ISO-GRA01		GRAPHICS	T&M	
IMPASS	Custom	Custom	None	Color Plotter Controller	CAGP	227	JSC-ISO-GRA03		GRAPHICS	T&M	
IMPASS	Custom	Custom	None	Graphics File Server	CAGP	227	JSC-ISO-GRA04		GRAPHICS	T&M	
IMPASS	Sun/Xerox	Sunblade 1000	216Z0480	Production Printer Controller	CAGP	227	DT6135-1		GRAPHICS	Xerox Service	
IMPASS	Sun/Xerox	Sunblade 1000	220C65CA	Production Printer Controller	CAGP	227	DT6135-2		GRAPHICS	Xerox Service	
IMPASS	Sun/Xerox	Sunblade 1000	219C565D	Production Printer Controller	CAGP	227	DT6135-3		GRAPHICS	Xerox Service	
IMPASS	Sun/Xerox	Sunblade 1000	219C5256	Production Printer Controller	CAGP	227	DT6135-4		GRAPHICS	Xerox Service	
IMPASS	Sun	E-450	834F301F	FILE SERVER	IAGP	46	JSC-ISO-LIB06 (IMAGES2)		LIBSYSTEMS	T&M	
IMPASS	Sun	4472	0070579-9828KC0119	Monitor	IAGP	46		IMAGES	LIBSYSTEMS	T&M	
IMPASS	Sun	A1000	032H3895	DISK ARRAY	IAGP	46			LIBSYSTEMS	WARRANTY	10/19/2003
IMPASS	Sun	A1000	013H2CED	DISK ARRAY	IAGP	46			LIBSYSTEMS	WARRANTY	7/5/2004
IMPASS	Exabyte			Exabyte ext. RTD/008398	IAGP	46			LIBSYSTEMS	T&M	
IMPASS	Sun	E-450	834F3074	FILE SERVER	IAGP	46	JSC-ISO-LIB05 (IMAGES1)		LIBSYSTEMS	T&M	
IMPASS	Sun	4472	0070579-9828CC0035	Monitor	IAGP	46		IMAGES	LIBSYSTEMS	T&M	
IMPASS	Sun	A1000	013H2CEE	DISK ARRAY	IAGP	46			LIBSYSTEMS	WARRANTY	7/5/2004
IMPASS	Exabyte			Exabyte ext. RTD/008947	IAGP	46			LIBSYSTEMS	T&M	
IMPASS	Sun	Blade			IAGP	46	IMPASS-DEV2		IMPASS Dev	T&M	
IMPASS	Sun	Blade			IAGP	46	IMPASS-DEV1		IMPASS Dev	T&M	
ITSSC	Compaq	ProLiant 6000		Server	IAGP	46			IRD IT Security		3/16/2003
Civil Servant	HP	C2001A	JPBC026495	PRINTER, ADP	IAGP	46			IRD LAB		4/21/1996
Civil Servant	Sony	S44	518F011D	COMPUTER, MICRO	IAGP	46			IRD LAB		7/11/1998
Civil Servant	Sun	GDM20D10		DISPLAY UNIT	IAGP	46			IRD LAB		7/11/1998
Civil Servant	Sun	S44	518F011D	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB		5/12/1998
Civil Servant	Sun	GDM20D10	0010968-9521FC3382	DISPLAY UNIT	IAGP	46			IRD LAB		7/11/1998
Civil Servant	HP			PRINTER, ADP	IAGP	46			IRD LAB		4/21/1996
Civil Servant	Sun	S44	518F011D	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB		5/12/1998
Civil Servant	Sun	S44	542F0856	COMPUTER, MICRO	IAGP	46			IRD LAB		11/21/1998
Civil Servant	Sun	GDM20D10		DISPLAY UNIT	IAGP	46			IRD LAB		7/11/1998
Civil Servant	Dell	PowerEdge 2550	4LC7C11	SERVER, ADP	IAGP	46	Ghost Server		IRD LAB	WARRANTY	3/25/2005
Civil Servant	Sun	S44	649F14D0	COMPUTER, MICRO	IAGP	46			IRD LAB		12/16/1999
Civil Servant	Sun	S44	651F25ED	COMPUTER, MICRO	IAGP	46			IRD LAB		1/29/2000
Civil Servant	Sun	GDM5010PT	0014698-9937KN0571	DISPLAY UNIT	IAGP	46			IRD LAB		9/24/2000
Civil Servant	Compaq	SERIE S4000	D652HWA30479	SERVER, ADP	IAGP	46			IRD LAB		2/24/2000
Civil Servant	Compaq	ProLiant 6000	D927CP1A091	SERVER, ADP	IAGP	46	Video Conf Pilot		IRD LAB		10/13/2002
Civil Servant	Sun	599-2226-01	938C1242	DISK DRIVE UNIT	IAGP	46			IRD LAB		9/24/2002
Civil Servant	Quantum	TH38A-YF	1CX64903023	TAPE DRIVE UNIT	IAGP	46			IRD LAB		
Civil Servant	Sun	711	028C1A26	DISK DRIVE UNIT	IAGP	46			IRD LAB		8/1/2003
Civil Servant	Sun	380-0241-01	FW03010632	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB		5/12/1998
Civil Servant	Sun	GDM5010PT	0014698-9937KN0571	DISPLAY UNIT	IAGP	46			IRD LAB		5/12/1998
Civil Servant	Compaq	ProLiant 3000	D010DDL1K030	PROCESSOR CENTRAL, ADP	IAGP	46	Fax Server Pilot		IRD LAB		5/12/2003
Civil Servant	Compaq	ProLiant 3000	D029DDL2K063	PROCESSOR CENTRAL, ADP	IAGP	46	Lab Backups		IRD LAB	WARRANTY	9/25/2003
Civil Servant	Compaq	ML370	D029FD81K227	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB		8/22/2003
Civil Servant	Compaq	382200-001	D825CMG10364	COMPUTER, MICRO	IAGP	46	WWW41/ISD1		IRDWEB		9/10/2002
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-td-www5		IRDWEB	ODIN	
Civil Servant	Compaq	StorageWorks TL891 Mini Library	3G08CR833015	TAPE LIBRARY, STORAGE	IAGP	46	Lab Backup Tape		IRD LAB	WARRANTY	10/17/2003
Civil Servant	Compaq	DS-1L891-NE	2K03100241	Tape Library Expansion	IAGP	46			IRD LAB		9/22/2002
Civil Servant	Compaq	1X8PORTKVM	180RM001A12800	SWITCH BOX, CONSOLE	IAGP	46			IRD LAB	WARRANTY	10/17/2003
Civil Servant	Compaq	TFT5000	035BH34P1514	DISPLAY UNIT, FLAT PANEL	IAGP	46			IRD LAB	WARRANTY	10/17/2003
Civil Servant	Compaq	9000	P021656	CHASSIS RACK MOUNT	IAGP	46			IRD LAB	WARRANTY	10/17/2003

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type	BLDG	SYSID ¹	SYSCOMP ²	Section J-7 cross-reference	Maintenance Type	Warranty/Maint Expiration	
Civil Servant	Compaq	9000	P021660	CHASSIS RACK MOUNT	IAGP	46			IRD LAB	WARRANTY	10/17/2003	
Civil Servant	Compaq	SP750	6038DW95A064	COMPUTER, MICRO	IAGP	46	Real Secure Backup		IRD LAB	WARRANTY	11/22/2003	
Civil Servant	Dell	NONEX	5BM9W01	RACK	IAGP	46			IRD LAB	WARRANTY	9/27/2004	
ITSSC	Compaq	Proliant 3000	D925CMG10366	COMPUTER, MICRO	IAGP	46	jsc-isd-isd	IRDWEB	IRDWEB	FULL	9/30/2004	
IMPASS	Dell	6400	7560C11	SERVER, ADP	IAGP	46	JSC-ISO-SRCH3		JSC SEARCH	WARRANTY	3/21/2005	
IMPASS	Sun	600691801	212V0299	SERVER, ADP	IAGP	46	JSC-ISO-SRCH1		JSC SEARCH	WARRANTY	4/11/2005	
IMPASS	Sun	600691801	212V02A3	SERVER, ADP	IAGP	46	JSC-ISO-SRCH2		JSC SEARCH	WARRANTY	4/11/2005	
IMPASS				Monitor/008031	CAGP	46			LIBSYSTEMS	T&M		
IMPASS	Clone	Clone	NoneE	Server	CAGP	46	JSC-ISO-LIB15		LIBSYSTEMS	T&M		
IMPASS	Sun	GX	9331DX1240	Monitor	IAGP	46			LIBSYSTEMS	T&M		
IMPASS	Sun	E-450	331K0205	SERVER, ADP	IAGP	46	JSC-ISO-LIB01 (STIC)		LIBSYSTEMS	T&M		
IMPASS	VIEWSONICS	TX1713MV	4130630501	Monitor	IAGP	46			LIBSYSTEMS	T&M		
IMPASS	Sun	Spaceserver 1000	534F0169	COMPUTER, MINI	IAGP	46	JSC-ISO-LIB04 (STON)		LIBSYSTEMS	T&M		
IMPASS	MICROTEST INC	7140-13	714099E0285	SERVER, ADP	IAGP	46	JSC-ISO-LIB08		LIBSYSTEMS	T&M	9/14/2003	
IMPASS	MICROTEST INC	7150-03	715099E0103	SERVER, ADP	IAGP	46	JSC-ISO-LIB07		LIBSYSTEMS	T&M	9/14/2003	
IMPASS				Monitor/008012	IAGP	46			LIBSYSTEMS	T&M		
IMPASS	Clone			Server	CAGP	46	JSC-ISO-LIB02		LIBSYSTEMS	T&M		
IMPASS	Clone			Server	CAGP	46	JSC-ISO-LIB13		LIBSYSTEMS	T&M		
IMPASS	Clone			Server	CAGP	46	JSC-ISO-LIB14 (STICDB2)		LIBSYSTEMS	T&M		
IMPASS	Custom	Custom	None	Backup JSC-STI Domain Controller	CAGP	227	JSC-ISO-LIB16		LIBSYSTEMS	T&M		
IMPASS	Clone			Server	CAGP	46	JSC-ISO-LIB21		LIBSYSTEMS	T&M		
IMPASS				Monitor/009009	CAGP	46			LIBSYSTEMS	T&M		
ITSSC	Dell	PowerEdge 8450	JCSB11	SERVER, POWEREDGE 8450	IAGP	46	NASAPOST1	NASAPOST	NASAPOST	WARRANTY	3/25/2005	
ITSSC	Dell	PowerEdge 8450	IDSB11	SERVER, POWEREDGE 8450	IAGP	46	NASAPOST2	NASAPOST	NASAPOST	WARRANTY	3/25/2005	
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	JSC-POST-DC01	NASAPOST	NASAPOST	ODIN		
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	JSC-POST-DC02	NASAPOST	NASAPOST	ODIN		
ITSSC	Dell	PowerEdge 2550	73HK811	SERVER, ADP	IAGP	46	jsc-sql2	NETIQ	NETIQ	WARRANTY	2/26/2005	
ITSSC	Dell	PowerEdge 2550	53HK811	SERVER, ADP	IAGP	46	jsc-sql1 cluster:jsc-netiq-sql	NETIQ	NETIQ	WARRANTY	2/26/2005	
ITSSC	Dell	Powervault 56F SAN Switch	5Y6H911	SAN Switch	IAGP	46		NETIQ	NETIQ	WARRANTY	3/6/2005	
ITSSC	Dell	Powervault 56F SAN Switch	JL8H911	SAN Switch	IAGP	46		NETIQ	NETIQ	WARRANTY	2/26/2005	
ITSSC	Dell	PowerVault 660F Disk Enclosure	5JHK811	Disk Enclosure	IAGP	46		NETIQ	NETIQ	WARRANTY	2/26/2005	
ITSSC				Monitor	IAGP	46		NETIQ	NETIQ			
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-pm1		NETIQ	NETIQ	WARRANTY	2/26/2005
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-openmgr		NETIQ	NETIQ	WARRANTY	2/26/2005
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-pm2		NETIQ	NETIQ	WARRANTY	2/26/2005
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-ad-bk1	NETWORK	NETWORK	WARRANTY	2/26/2005	
ITSSC	Compaq	Proliant 6000	D927CPFA091	SERVER, ADP	IAGP	46	jsc-isd-lib-cs1	NETWORK	NETWORK	ODIN	8/18/2002	
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-isd-dms-bdc1	NETWORK	NETWORK	ODIN		
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-ad-lab01	NETWORK	NETWORK	ODIN		
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-ad-lab02	NETWORK	NETWORK	ODIN		
IMPASS				Monitor/15419	IAGP	46			PAOSYSTEMS	T&M		
IMPASS	Sun	E450	921H3EE4	COMPUTER, MICRO	IAGP	46	IMPASS-DEV		PAOSYSTEMS	T&M		
IMPASS	Exabyte			Exabyte ext. RTD/008480	IAGP	46			PAOSYSTEMS	T&M		
IMPASS	Chesys, Houston	Clone	S60106395	CONTROLLER, NETWORK	IAGP	2N	PAO MDC1		PAOSYSTEMS	WARRANTY	9/10/2004	
IMPASS	Clone	Clone	CS102983	COMPUTER, MICRO	IAGP	2N	PAO Video Server 1		PAOSYSTEMS	WARRANTY	9/27/2003	
IMPASS	Clone	Clone	None	COMPUTER, MICRO	CAGP	2N	PAO Video Server 2		PAOSYSTEMS	T&M		
ITSSC	Dell	PowerEdge 2550	5CK6711	SERVER, ADP	IAGP	46	jsc-isd-ps2	PKI	IRD IT Security	WARRANTY	2/8/2005	
ITSSC	Dell	PowerVault 210S Disk Enclosure	6SL8711	Disk Enclosure	IAGP	46		PKI	IRD IT Security	WARRANTY	2/8/2005	
ITSSC	Dell	LTO Tape Unit	1E72A05045	Tape Unit	IAGP	46		PKI	IRD IT Security	WARRANTY	2/8/2005	
ITSSC	Dell	Monitor & Keyboard	TW-06H507-12961-1C4	DISPLAY UNIT	IAGP	46		PKI	IRD IT Security	WARRANTY	2/15/2005	
ITSSC	Dell	PowerEdge 2550	2CK6711	SERVER, ADP	IAGP	46	jsc-isd-ps1 cluster:jsc-isd-ps01	PKI	IRD IT Security	WARRANTY	2/8/2005	
ITSSC	Dell			COMPUTER, MICRO	CAGP	45	jsc-isd-ra1	PKI	IRD IT Security	ODIN		
ITSSC	Dell			COMPUTER, MICRO	CAGP	45	jsc-isd-ra2	PKI	IRD IT Security	ODIN		
ITSSC	Dell	PowerEdge 8450	F23V411	SERVER, ADP	IAGP	46	JSC-ISO-SQL01B	SIDD	SIDD	WARRANTY	1/11/2005	
ITSSC	Dell	PowerVault 660F Disk Enclosure	840BX01	Disk Enclosure	IAGP	46		SIDD	SIDD	WARRANTY	10/11/2004	
ITSSC	Dell	Powervault 56F SAN Switch	6CTDD11	SAN Switch	IAGP	46		SIDD	SIDD	WARRANTY	4/12/2005	
ITSSC	Dell	Powervault 56F SAN Switch	55PDD11	SAN Switch	IAGP	46		SIDD	SIDD	WARRANTY	4/12/2005	
ITSSC	Dell	PowerEdge 8450	4TLQ411	SERVER, ADP	IAGP	46	JSC-ISO-SQL01A Cluster:jsc-isd-sql01	SIDD	SIDD	WARRANTY	1/11/2005	
ITSSC	Dell	PowerVault 660F Disk Enclosure	CGCQ911	Disk Enclosure	IAGP	46		SIDD	SIDD	WARRANTY	3/8/2005	
ITSSC	Dell	PowerVault 136T LTO Tape Unit	15NDG21	Tape Unit	IAGP	46		SIDD	SIDD	WARRANTY	4/24/2006	
IMPASS	GVG	XP 1044	NONE	SERVER, VIDEO AUTO SYSTEM	IAGP	8	NVERIZON Automation PC		Still Digital Imaging System	T&M		
IMPASS	SUPERMICRO	X86 XEON	NONE	SERVER, ADP	IAGP	8	JSC-ISO-DILQC	DIL	Still Digital Imaging System	T&M		
IMPASS	SUPERMICRO	X86 XEON	137527	COMPUTER, MICRO	IAGP	8	JSC-ISO-DIL50	DIL	Still Digital Imaging System	T&M		

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type	BLDG	SYSID ¹	SYSCOMP ²	Section J-7 cross-reference	Maintenance Type	Warranty/Maint Expiration
IMPASS	SUPERMICRO	P6DSU	NONE	Digital Imaging Lab Work Server	IAGP	30	JSC-ISD-DIL01	DIL	Still Digital Imaging System	WARRANTY	10/12/2003
IMPASS	SUPERMICRO	X86 XEON			IAGP	8	JSC-ISD-DIL03	DIL	Still Digital Imaging System	T&M	
IMPASS	SUPERMICRO	X86 XEON			IAGP	8	JSC-ISD-DIL04	DIL	Still Digital Imaging System	T&M	
IMPASS	ADIC				IAGP	8		DIL	Still Digital Imaging System	T&M	
IMPASS	DEC				IAGP	8	JSC_TVOPS_SRV		Video Servers	T&M	
IMPASS	GVG	PDR 324	C22467	High Resolution Video	IAGP	8	PROFILE1		Video Servers	T&M	
IMPASS	GVG	XP 1044	GV008629	High Resolution Video	IAGP	8	PROFILE2		Video Servers	T&M	
IMPASS	Dell	PowerEdge 4400	3JUDZ	SERVER, FILE	IAGP	46	JSC-ISD-VID02		Video Servers	T&M	
IMPASS				Monitor/008095	IAGP	46	JSC-ISD-VID02		Video Servers	T&M	
IMPASS	Dell	PowerEdge 4400			IAGP	8	JSC-ISD-VID01		Video Servers	T&M	
IMPASS	GVG	XP 1044	00019-094-215-868	High Resolution Video	IAGP	8	VPL Flip Factory		Video Servers	T&M	
ITSSC	Netscreen	Netscreen 5200		Outer Firewall (Primary)	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Netscreen	Netscreen 5200		Inner Firewall (Primary)	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Netscreen	Netscreen 5200		Outer Firewall (Backup)	IAGP	17			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Netscreen	Netscreen 5200		Inner Firewall (Backup)	IAGP	17			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 450		Special Purpose Firewall	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 450		Backup/Development Firewall	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Ultra 60		Firewall Administrative System	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 280R		Firewall Log Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 280R		Firewall Log Server	IAGP	17			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 450		Backup Firewall Log Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Sun Fire V880		Firewall Log Processing Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 250		IPSec VPN Server (Primary)	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 250		IPSec VPN Server (Secondary)	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Compaq	Proliant 2500		PPTP VPN Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	DEC	Alpha 1000A		Raptor/Mobile-EC VPN Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 250		Web Proxy Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Neoteris	Neotens		Neoteris Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
ITSSC	Sun Microsystems	Enterprise 220R		Radius Authentication Server	IAGP	46			JSC Institutional Firewall System	FULL (SEWP)	7/31/2004
1. SYSID - System Identification: The nomenclature given the components for identification purposes											
2. SYSCOMP - System Component: For the item described, the name or identification of the system to which the item belongs											

JSC Enabling Technology and Security
Non-IRD Hardware Maintenance List

ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
CC	EXABYTEC	EXB8205XLE	8005814	TAPE DRIVE	ELP	9/5	4			FULL
CC	EXABYTEC	EXB210	11705787	TAPE DRIVE	273EL	9/5	4			FULL
CC	EXABYTEC	EXB210	11705437	TAPE DRIVE	273EL	9/5	4			FULL
CC	EXABYTEC	EXB210	11703934	TAPE DRIVE	273EL	9/5	4			FULL
EA	DEC	SZ12G-XA	AB237009A1	Micro Computer	46					T&M
EA	DEC	47ZBM-ASA01	KA406KH446	Micro Computer	46					T&M
EA	DEC	470ZM-B9A01	KA237Y0385	Micro Computer	46					T&M
EA	DEC	VRT19-DA	12334826	Display Unit	46					T&M
EA	DEC	SEACDAX	KA233V4854	INPOSERVER 150	46					T&M
BA	DEC	RRD43-DA	1L40500247	CD ROM	46					T&M
EA	DEC	RRD43-DA	1L40500527	CD ROM	46					T&M
EA	DEC	RRD43-DA	1L40500493	CD ROM	46					T&M
BA	DEC	RRD43-DA	1L40500216	CD ROM	46					T&M
EA	DEC	RRD43-DA	1L40500505	CD ROM	46					T&M
EA	DEC	RRD43-DA	1L40500649	CD ROM	46					T&M
BA	TTI	CTS5610/7	31505562	CARTRIDGE TAPE DRIVE	46					T&M
BA	TTI	CTS5610/7	SH24401103	CARTRIDGE TAPE DRIVE	46					T&M
EG	DEC	8A123-A2	WF81905382	VAXSTATION/GPX	16A	9/5	4	EAEQUIP	EAEQP	T&M
EG	DEC	VR290DA	FF61635	MONITOR	16A	9/5	4	EAEQUIP	EAEQP	T&M
EP	DEC	670QJ-D9	KA222P8534	CPU		9/5	4			T&M
EP	DEC	4000/300		CPU		9/5	4			T&M
EP	DEC	4000/300	KA222P8536	CPU		9/5	4			T&M
EP	DEC	4000/300	KA222P8538	CPU		9/5	4			T&M
EP	DEC	670QJ-D9	KA222P8535	CPU		9/5	4			T&M
ES	CMDTECH	CDI4000-AB	9307-4548B	CONVERTER	49	9/5	4		EAEQP	T&M
ES	CMDTECH	CDI4000-AB	9307-4547B	CONVERTER	49	9/5	4		EAEQP	T&M
ES	Control Data	9766	27032	Disk Drive Unit	260					T&M
ES	Control Data	9766	26997	Disk Drive Unit	222					T&M
ES	DATAPRODUCTS	B1000-110		PRINTER,ADP	49					T&M
ES	DEC	VT100-AA	TA61466	MONITOR	13	9/5	4	EAEQUIP	EAEQP	T&M
ES	DEC	PS203-AA	AB315009QF	CPU	13	9/5	4	EAEQUIP	EAEQP	T&M
ES	DEC	VRT13-DA	1A21102137	MONITOR	13	9/5	4	EAEQUIP	EAEQP	T&M
ES	DEC	VT320-A2	TA94082777	MONITOR	13	9/5	4	EAEQUIP	EAEQP	T&M
ES	DEC	VR299	FF01228356	DISPLAY UNIT	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	RZ55FA	AB0160VE62	DISK DRIVE UNIT	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	VR299	FF01228369	DISPLAY UNIT	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	RZ55FA	AB01504TW7	DISK DRIVE UNIT	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	VS46K-AD	AB22106LGU	VAX4000-60	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	SZ16B-XA	AB22302XN4	EXPANSION, STORAGE	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	SZ16B-XA	AB22302XKY	EXPANSION, STORAGE	49	9/5	4	ES43	ERIC-9D	T&M
ES	DEC	VRC21KA	4K53900220	Display Unit 21"	49	9/5	4	ES43		T&M
ES	DEC	VRC21KA	4K53900271	Display Unit 21"	49	9/5	4	ES43		T&M
ES	DEC	BA350-KA	CX618A-148	CABINET	49					T&M
ES	DEC	KFA40-AA		OTHER	49					T&M
ES	DEC	KN430-BA		PROCESSOR	49					T&M
ES	DEC	MS430-CA		MEMORY BOARD	49					T&M
ES	DEC	MS430-CA		64MB MEMORY	49					T&M
ES	DEC	MS430-DA		128 MB MEMORY	49					T&M
ES	DEC	MS430-DA		128 MB MEMORY	49					T&M
ES	DEC	MS430-DA		128MB MEMORY	49					T&M
ES	DEC	RRD42-AA		DISK DRIVE	49					T&M
ES	DEC	RZ28-M		DISK DRIVE	49					T&M
ES	DEC	RZ28-M		DISK DRIVE	49					T&M
ES	DEC	RRD42-AA		CDROM	49					T&M
ES	DEC	TLZ06-MX		TAPE DRIVE	49					T&M
ES	DEC	TLZ7L-DA	30-36244-01	TAPE DRIVE	49					T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ¹	MAINT TYPE
ES	DEC	RF73-MX		DISK DRIVE	49					T&M
ES	DEC	RF73-MX		2GBDISKDRIVE	49					T&M
ES	DEC	KN430-BA		CPU	49					T&M
ES	DEC	KFA40-AA		SCSI/DSSII/F	49					T&M
ES	DEC	DY 46101-B9	AB31904ALC	CPU	49					T&M
ES	DEC	MS430-DA		128MBMEMORY	49					T&M
ES	DEC	MS690-CA		64MBMEMORY	49					T&M
ES	DEC	DESQA-SA		Q-BUSTOETHERNETADAPTER	49					T&M
ES	DEC	R215F-B2	KA120E6861	EXPANSION ENCLOSURE	49					T&M
ES	DEC	TLZ06-MX		4GBTAPE DRIVE(4MM)	49					T&M
ES	DEC	RF73E-AA		DISKDRIVE	49					T&M
ES	DEC	TF85E-JA		TAPE DRIVE	49					T&M
ES	DEC	690QJ-B9A01	KA311JA097	VAX4000-600	49					T&M
ES	DEC	GDM1961		MONITOR	49					T&M
ES	DEC	GDM1961		MONITOR	49					T&M
ES	DEC	VRT19-HA		MONITOR,COLOR20"	49					T&M
ES	DEC	VRT19-HA		MONITOR,COLOR20"	49					T&M
ES	DEC	PB46A-AA		CPU	49					T&M
ES	DEC	PB46A-AA		CPU	49					T&M
ES	DEC	VS42A-BF		VS3100KA-42-AARZ2	49					T&M
ES	DEC	VS42A-BF		VS3100KA-42-AARZ2	49					T&M
ES	DEC	PV61A-AH		VAX4000-60	49					T&M
ES	DEC	VT320	HK02055503	Display Unit	260					T&M
ES	DEC	VT340-DA	TA82628601	Display Unit	222					T&M
ES	DELL COMPUTER CORP F-PC'S LTD	GX110	8HLC601	COMPUTER, MICRO	13	9/5	4			T&M
ES	DELL COMPUTER CORP F-PC'S LTD	P1110	2256206	DISPLAY UNIT	13	9/5	4			T&M
ES	DELL COMPUTER CORP F-PC'S LTD	GX110	DY9N801	COMPUTER, MICRO	13	9/5	4			T&M
ES	DELL COMPUTER CORP F-PC'S LTD	P1110	2282730	DISPLAY UNIT	13	9/5	4			T&M
ES	EXABYTEC	EX8-10CHS		DATADRIEJUKEBOX	13					T&M
ES	FALCON			EXTDRIVE2GB	13					T&M
ES	H-P	3852A	2927A12266	Data Acquisition System	260					T&M
ES	H-P	3853A	2927A03725	Chasis Extender	260					T&M
ES	H-P	3853A	2927A03726	Chasis Extender	260					T&M
ES	H-P	3852A	2927A14411	Data Acquisition System	260					T&M
ES	INTECOLOR	R08815		DISPLAY UNIT	13					T&M
ES	INTECOLOR	R08815		DISPLAY UNIT	13					T&M
ES	Kennedy	9640		Quad density tape drive	13?					T&M
ES	Kennedy	9640		Quad density tape drive	13?					T&M
ES	Kennedy	9640		Quad density tape drive	13?					T&M
ES	Kennedy	9640	104-20564	Tape Drive Unit Backup (VAX)	49					T&M
ES	Kennedy	9640	104-20543	Tape Drive Unit Backup (VAX)	49					T&M
ES	MODULAR COMPUTER	0001	NONE	CABINET, ELECTRICAL EQUIPMENT	49	9/5	4			T&M
ES	MODULAR COMPUTER	0001	NONE	CABINET, ELECTRICAL EQUIP	49					T&M
ES	MODULAR COMPUTER	1R0757	010091	CABINET MEMORY CONTROL UNIT	49	9/5	4			T&M
ES	MODULAR COMPUTER	3765-25	55-100187-00	DRIVE DISK MEMORY W/CONTROLLER	49	9/5	4			T&M
ES	MODULAR COMPUTER	CLASSICII	853-119560-2	COMPUTER DIGITAL	49	9/5	4			T&M
ES	MODULAR COMPUTER	DAC7861	505-05402-06	PROCESSOR CENTRAL ADP	49	9/5	4			T&M
ES	MODULAR COMPUTER	IR2270-82	IR2270-82	COMPUTER DIGITAL	49	9/5	4			T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
ES	MODULAR COMPUTER	4903	555 100187E	PROCESSOR CENTRAL ADP PCI	49	9/5	4			T&M
ES	Modular Computer	7861	505-054030-8-019	CPU	13					T&M
ES	Modular Computer	T8883-1212		Dual 348 MB Disk Drives	13					T&M
ES	Modular Computer	0007		CABINET	260					T&M
ES	Modular Computer	10	1397	Magnetic Tape Drive	260					T&M
ES	Modular Computer	10	3328	Magnetic Tape Drive	260					T&M
ES	Modular Computer	WRSS	1300-4-21	CONTROLLER PC INTERFACE	260					T&M
ES	Modular Computer		1R0753	Cabinet Rack	260					T&M
ES	Modular Computer	1199	1100-5-63	CONTROLLER PC INTERFACE	260					T&M
ES	Modular Computer	1111	1111-5-74	CONTROLLER PC INTERFACE	260					T&M
ES	Modular Computer Systems	DAC7861	23974-006	CPU	222					T&M
ES	Modular Computer Systems	4151	17113	Magnetic Tape Drive	222					T&M
ES	Modular Computer Systems	1R7506	96150	CABINET	222					T&M
ES	Modular Computer Systems	001	1R5850	CABINET	222					T&M
ES	Modular Computer Systems	1045	14356	Magnetic Tape Drive	222					T&M
ES	MTS Systems Corp	490.1	0142056	Load Control System	13	9/5	24			T&M
ES	MTS Systems Corp	490.1	0122954	Load Control System	13	9/5	24			T&M
ES	MTS Systems Corp	490.1	0122953	Load Control System	13	9/5	24			T&M
ES	MTS SYSTEMS CORP	894.10LTC	01029	CONSOLE LTC	13	9/5	4			T&M
ES	MTS SYSTEMS CORP	894.20DSSC	01028	CONSOLE DSSC	13	9/5	4			T&M
ES	NEFF Instruments	620300AB	14611	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14205	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14209	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14478	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14613	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14616	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14605	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620300AB	14607	NEFF 300 Signal Conditioner	13	9/5	24			T&M
ES	NEFF Instruments	620400	14237	NEFF 400 Multiplexer	13	9/5	24			T&M
ES	NEFF Instruments	620400	9115	NEFF 400 Multiplexer	13	9/5	24			T&M
ES	NEFF Instruments	620300AC	14367	NEFF 300 Signal Conditioner	260	9/5	24			T&M
ES	NEFF Instruments	620400	9109	NEFF 400 Multiplexer	260	9/5	24			T&M
ES	Printronics	P-300		PRINTER	13					T&M
ES	QMS	LPA100	0000380	printer/plotter	260					T&M
ES	QMS	LPP180	0000319	Printer/Plotter	222					T&M
ES	QMS LASERGRAPHIX	LPG105/1510L, with Versatec interface board		PRINTER/PLOTTER	13					T&M
ES	QMS LASERGRAPHIX	LPG105/1510L, with Versatec interface board		PRINTER/PLOTTER	49					T&M
ES	Spectral Dynamics	2550-9715-1	2832-7207	2550B Vibration Control System	49		24		VCS	FULL
ES	Spectral Dynamics	2550-9715-1	2832-7225	2550B Vibration Control System	49		24		VCS	FULL
ES	Summitt Eng	HY-250-3100	40036156	Tape Storage	49					T&M
ES	Sun Microsystems	NDP Model 4472	3651354-01	Monitor for Sun Microsystems Ultra 1	49		24		VCS	FULL
ES	Sun Microsystems	600-4612-01	723F0EB4	Sun Microsystems Ultra 1 (Host for 2550B)	49		24		VCS	FULL
ES	Sun Microsystems	NDP Model 4472	3651383-01	Monitor for Sun Microsystems Ultra 1	49		24		VCS	FULL
ES	Sun Microsystems	600-4615-01	742FC366	Sun Microsystems Ultra 1 (Host for 2550B)	49		24		VCS	FULL
ES	TeleVideo	999-65	196G-HC11950030	Display Unit	260					T&M
ES	TeleVideo	999-65	196G-TB04950370	Display Unit	260					T&M

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Non-IRD Hardware Maintenance List

ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
ES	TeleVideo	999-65	HF11970500	Display Unit	260					T&M
ES	TeleVideo	999-65	HH07980409	Display Unit	260					T&M
ES	TeleVideo	999-65	HH07980390	Display Unit	260					T&M
ES	TELEVIDEO	965		DISPLAY UNIT	13					T&M
ES	TELEVIDEO	965		DISPLAY UNIT	13					T&M
ES	TELEVIDEO	965		DISPLAY UNIT	13					T&M
ES	TeleVideo Systems	965	M965C04940239TK	Display Unit	222					T&M
ES	TeleVideo Systems	965	M965C04940302TK	Display Unit	222					T&M
ES	TeleVideo Systems	995-65	196G-TB04950377	Display Unit	222					T&M
ES	TeleVideo Systems	965	M965C01942004TK	Display Unit	222					T&M
ES	TeleVideo Systems	999-65	196G-HC11950570	Display Unit	222					T&M
ES	TeleVideo Systems	995-65	196G-TB04950373	Display Unit	222					T&M
ES	WINCHESTER SYSTEMS INC	FCD-TT2S21B	9307-4548B	CONVERTER	49	9/5	4		EAEQP	T&M
ES	WINCHESTER SYSTEMS INC	FCD-TT2S21B	9307-4547B	CONVERTER	49	9/5	4		EAEQP	T&M
ES	Zonic Corporation	7502	294	MULTI-DSP CHASSIS W/POWER SUPPLY	49	9/5	4			T&M
ES	Zonic Corporation	7502	248	MULTI-DSP CHASSIS W/POWER SUPPLY	49	9/5	4			T&M
ES	Zonic Corporation	7502	271	MULTI-DSP CHASSIS W/POWER SUPPLY	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7510		SIXTEEN CHANNEL (16BIT) INPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7531		FOUR CHANNEL OUTPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7534		TWO CHANNEL OUTPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7534		TWO CHANNEL OUTPUT MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7540		DIGITAL SIGNAL PROCESSOR MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7540		DIGITAL SIGNAL PROCESSOR MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7540		DIGITAL SIGNAL PROCESSOR MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7540		DIGITAL SIGNAL PROCESSOR MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7540		DIGITAL SIGNAL PROCESSOR MODULE	49	9/5	4			T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
ES	Zonic Corporation	7540		DIGITAL SIGNAL PROCESSOR MODULE	49	9/5	4			T&M
ES	Zonic Corporation	7541		12MB OF RAM UPGRADE FOR 7540	49	9/5	4			T&M
ES	Zonic Corporation	7541		12MB OF RAM UPGRADE FOR 7540	49	9/5	4			T&M
ES	Zonic Corporation	7541		12MB OF RAM UPGRADE FOR 7540	49	9/5	4			T&M
ES	Zonic Corporation	7541		12MB OF RAM UPGRADE FOR 7540	49	9/5	4			T&M
ES	Zonic Corporation	7541		12MB OF RAM UPGRADE FOR 7540	49	9/5	4			T&M
ES	Zonic Corporation	7541		12MB OF RAM UPGRADE FOR 7540	49	9/5	4			T&M
ES	Zonic Corporation	7549		THIN WIRE ETHERNET INTERFACE	49	9/5	4			T&M
ES	Zonic Corporation	7549		THIN WIRE ETHERNET INTERFACE	49	9/5	4			T&M
ES	Zonic Corporation	7549		THIN WIRE ETHERNET INTERFACE	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7553		1.4GB HIGHT SPEED ADC THROUGHPUT DISK	49	9/5	4			T&M
ES	Zonic Corporation	7706-MES		ZETA REAL TIME DISPLAY/CONTROL SOFTWARE	49	9/5	4			T&M
ES	Zonic Corporation	7720-MES		THROUGHPUT ANALYSIS SOFTWARE	49	9/5	4			T&M
ES	Zonic Corporation	7721-MES		SIGNAL GENERATOR SOFTWARE	49	9/5	4			T&M
ES	Zonic Corporation	7751-MES		ZONIC DATA MANAGER SOFTWARE	49	9/5	4			T&M
ES	Zonic Corporation	7753-MES		ZONIC PHASED SINE SOFTWARE	49	9/5	4			T&M
ES	Zonic Corporation	7980-MES		Zonic PC ZETA		9/5	4			T&M
ES	Zonic Corporation	7981-MES		Zonic Data Acquisition Task Drivers		9/5	4			T&M
EV	DEC	MS630-AA		MEMORYMODULE		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	MS630-AA		MEMORYMODULE		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	TQK50		TAPECONTROLLER		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	ROD03		DISKCONTROLLER		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	DEQUANA		ETHERNETCONTROLLER		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	IEQ11-AF		Q-BUSINTERFACE		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	KWV11		Q-BUSCLOCK		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	TK70		TAPEDRIVE		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	VCB02-C		GRAPHICSMODULE		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	VCB02-C		GRAPHICSMODULE		9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	VCB02-C		GRAPHICSMODULE		9/5	4	EAEQUIP	EAEQP	T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
EV	DEC	KA650-AA		CPUMODULE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-YA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-AA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC5X-YA		CONTROLLERCARD		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	KA680-QJ		CPUMODULE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	MS690-BA		MEMORYMODULE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	MS690-CA		MEMORYMODULE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	L4002-BA		ETHERNETCONTROLLER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	CIOBA		CI-BUSINTERCONNECT	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DSV11-SA		COMMCONTROLLER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DEMNA-M		XMIETHERNET	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	MS65A-BA		32MBMEMORY	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	MS65A-BA		32MBMEMORY	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	MS65A-BA		32MBMEMORY	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	MS65A-BA		32MBMEMORY	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DEBNI-M		BIETHERNET	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DEBNI-M		BIETHERNET	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DWMBB-CA		XMI-BIADAPTER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DWMBB-CA		XMI-BIADAPTER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DWMBB-CA		XMI-BIADAPTER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DWMBB-CA		XMI-BIADAPTER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DMB32-AA		MULTIFUNCTIONVAXBIIF	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DRB32-E		BIPARALLELDMAI/FWITHCABLE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DRB32-M		BIPARALLELDMAI/F	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DRB32-M		BIPARALLELDMAI/F	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	KDM70-AA		XMIDISK/TAPECONTROLLER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	RA90		DISKDRIVE		9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	DSRVB-AA	AG7380P410	DECSTATION200	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	LP27-AA	NU03619	LINEPRINTER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	173QA-B2	WF60806456	CPU11/735B8512KB	44	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	TA78-AB	WS05547	TAPEDRIVE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	SC008-AA	FX06515	STARCOUPLER	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC50-AA	CX03886	CONTROLLERENCLOSURE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	HSC50-AA	SX03976	CONTROLLERENCLOSURE	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	KA660-AA	NI23771716	VAX4000MODEL200TIMESH	44	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	H9646-CA	WF82708276	CABINET	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	VX10A-AA	TA05211604	SYSTEMBOX	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	VR319-DA	HK10408352	MONITOR	16A			EAEQUIP	EAEOP	T&M
EV	DEC	VX10A-AA	TA03507623	SYSTEMBOX	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	VR319-DA	HK14921632	MONITOR	16A			EAEQUIP	EAEOP	T&M
EV	DEC	VR319-DA	HK10408351	MONITOR	16A	9/5	4	EAEQUIP	EAEOP	T&M
EV	DEC	VR320-DA	HK23012695	MONITOR	16A			EAEQUIP	EAEOP	T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
EV	DEC	VR319-DA	HK1627574	MONITOR	16A			EAEQUIP	EAEQP	T&M
EV	DEC	SEABC-XA	KA117E4694	INFOSERVER100	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	LN03R-C2	RG02314741	LASERPRINTER	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	DELNI-BB	KC11188608	ETHERNETREPEATER	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	DELNI-BA	KL11187077	NETWORKINTERCONNECT	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	VS42ABN	AB02500IV2	DEC VAX3100	44	9/5	4	CAD1	CAD1	T&M
EV	DEC	VR299DA	FF01731633	DEC Monitor	44	9/5	4	CAD1	CAD1	T&M
EV	DEC	RZ56-E	AB025025CZ	665MBSCSIWINCH	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	RZ5X-FA	AB025024QR	650MBRZ56DISKEXPBOX	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	TK50-AA	AB0210024S	95MBCARTTAPE	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	442	35420	TAPEUNIT	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	460AP-A9	N15380014N	DEC ALPHA SERVER	44	9/5	4	RACHEL	RACHEL	T&M
EV	DEC	VRT17HA	SY50830163	DEC Monitor	44	9/5	4	RACHEL	RACHEL	T&M
EV	DEC	TA90-BA	SH02411126	DUALTAPE DRIVE	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	TU90-BA	SH02711805	DUALTAPE DRIVE	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	PM200-AA	AB0320170H	DECSTATION3100	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	VR297-DA	SY94504888	MONITOR	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	TK50Z-GA	AB04501RXC	3100EXPW/TK50	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	RRD42-DA	804418	CD-ROMDRIVE	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	RRD42-DA	804378	CD-ROMDRIVE	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	VRC16-HA	2A41769032	MONITOR				EAEQUIP		T&M
EV	DEC	VX20A-AB	TA22501326	MONITORBASE	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	680QJ-B9	KA232U7499	VAX4000/500	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	C-DSSI/SCSI-B	1299	EXTERNALDRIVE	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	66BMA-XE	AG221WMW58	VAX6000-620	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	H9657-EC	BT22204200	CABINET	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	SEABC-BX-A01	KA137H06781	INFOSERVER100	16A	9/5	4	EAEQUIP	EAEQP	T&M
EV	DEC	RA92-MA	CX11613746	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613809	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613820	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613803	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613854	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613745	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613810	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	RA92-MA	CX11613751	DISKDRIVE	16A	9/5	4	JAEI	EAEQP	T&M
EV	DEC	LABVX-CA	WF73810196	CPU,MINI	14A	9/5	4			T&M
EV	DEC	TU78AB	SP09794	TAPE DRIVE	16A	9/5	4			T&M
EV	DEC	LA75A2	TY99734	PRINTER	16A	9/5	4			T&M
EV	DEC	TE32A-BB	N153601TEW	CPU,MINI	16A	9/5	4			T&M
EV	DEC	TE32A-BB	N153600XW4	CPU,MINI	16A	9/5	4			T&M
EV	DEC	VRC21HA	4K53181526	MONITOR	16A	9/5	4			T&M
EV	DEC	VRC21HA	4K52571436	MONITOR	16A	9/5	4			T&M
EV	DEC	VT220		MONITOR	16A	9/5	4			T&M
EV	Exabyte	EXB-220	11702868	TAPE DRIVE AND STACKER	44					T&M
EV	LIEBERT	SCC030C	106218A	POWERCONDITIONER	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	LIEBERT	18A-005	1022607	SITEMASTER	44	9/5	4	EAEQUIP	EAEQP	T&M
EV	MTI	HIGHBOY	1012512-000	CABINET	16A					T&M
EV	MTI	SCU-95	60508-001	SERVER/CONTROLLER	16A					T&M
EV	MTI	SCU-95	60508-001	SERVER/CONTROLLER	16A					T&M
EV	MTI	STINGRAY 120	1012534-001	DISK DRIVE	16A					T&M
EV	MTI	STINGRAY 300	1012511-002	DISK DRIVE	16A					T&M
EV	MTI	STINGRAY 300	1012511-001	DISK DRIVE	16A					T&M
EV	MTI	STINGRAY 300	1012511-003	DISK DRIVE	16A					T&M
EV	MTI	STINGRAY 300	1012511-006	DISK DRIVE	16A					T&M
EV	MTI	STINGRAY 300	1012511-005	DISK DRIVE	16A					T&M
EV	MTI	STINGRAY 300	1012511-004	DISK DRIVE	16A					T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
EV	MTI	STINGRAY 300	1012511-007	DISK DRIVE	16A					T&M
EV	SIMPACT	RTC01		REALTIMECLOCK	16A	95	4	EAEQUIP	EAEOP	T&M
EV	SIMPACT	RTC01		REALTIMECLOCK	16A	95	4	EAEQUIP	EAEOP	T&M
EV	SUMMUS	442-V	1004484	8MMCARTRIDGETAPEDR	44	95	4	EAEQUIP	EAEOP	T&M
GA	DEC	VT420-C2	TA312W0421	MONITOR	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	PE52A-C9	AB43000NHV	3000-800 (PE53U-AA)	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	DEFTA-FA		FDDICONTROLLER	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	KN17-AA		CPU	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	LK401-AA		KEYBOARD	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	MS15-CA		32MBMEMORY (8X4SIMMS)	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	MS15-DA		64MBMEMORY (8X8SIMMS)	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	MS15-DA		64MBMEMORY (8X8SIMMS)	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	MS15-DA		64MBMEMORY (8X8SIMMS)	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	RRD42-HM		CDROM	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	RZ26-EJ		DISKDRIVE	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	RZ26-EJ		DISKDRIVE	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	RZ26-EJ		DISKDRIVE	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	RZ26-EJ		DISKDRIVE	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	TLZ06-MF		TAPEDRIVE	46	24\7	2	ECFA4	ECF	FULL
GA	DEC	VT420-C2	TA312W0421	MONITOR	46	24\7	2	ECFA4	ECF	FULL
JA	CONNER	CTD4004E-8	DS08CEA	TAPE DRIVE	SAIC	95	4	EMCS	EMCS	T&M
JA	CONNER	CTD4004E-8	DS08E05	TAPE DRIVE	SAIC	95	4	EMCS	EMCS	T&M
JA	DEC	54-19288		SCSI/FDIINTERFACE	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	54-19628-01		2-DGRAPHICSBOARD	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	KA42		CPU	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	LK201	BO03610818	KEYBOARD	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	ME022		MEMORYMODULE	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	RZ23-E	SH02922809	DISKDRIVE	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	VSXXXAA	BO12402399	MOUSE	221	95	4	MISCEOP	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	95	4	48AIM1	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	95	4	24OP3	EMCS	T&M
JA	DEC	54-19288		SCSI/FDIINTERFACE	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	54-19628-01		2-DGRAPHICSBOARD	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	KA42		CPU	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	ME022		MEMORYMODULE	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	RZ23-E	SH94103123	DISKDRIVE	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	54-19288		SCSI/FDIINTERFACE	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	54-19628-01		2-DGRAPHICSBOARD	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	DSP3053L		535MBHARDDRIVE	24	95	4	24AIMB	EMCS	T&M
JA	DEC	DSP3210		2.1GBDISKDRIVE	24	95	4	24AIMA	EMCS	T&M
JA	DEC	DSP3210		2.1GBDISKDRIVE	24	95	4	24AIMA	EMCS	T&M
JA	DEC	DSP3210		2.1GBDISKDRIVE	24	95	4	24AIMB	EMCS	T&M
JA	DEC	DSYTI-AA		ETHERNETADAPTER	24	95	4	24AIMB	EMCS	T&M
JA	DEC	DSYTI-AA		ETHERNETADAPTER	24	95	4	24AIMA	EMCS	T&M
JA	DEC	KA42		CPU	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	KA49-AA		CPU	24	95	4	24AIMB	EMCS	T&M
JA	DEC	KA49-AA		CPU	24	95	4	24AIMA	EMCS	T&M
JA	DEC	LK201		KEYBOARD	24	95	4	24OP7	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	95	4	24AIMB	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	95	4	24AIMA	EMCS	T&M
JA	DEC	ME022		MEMORYMODULE	24	95	4	MISCEOP	EMCS	T&M
JA	DEC	MS44-DC		64MBMEMORY	24	95	4	24AIMB	EMCS	T&M
JA	DEC	MS44-DC		64MBMEMORY	24	95	4	24AIMA	EMCS	T&M
JA	DEC	MS44L-BC		16MBMEMORY	24	95	4	24AIMA	EMCS	T&M
JA	DEC	MS44L-BC		16MBMEMORY	24	95	4	24AIMA	EMCS	T&M
JA	DEC	RZ23-E	SH02922895	DISKDRIVE	24	95	4	MISCEOP	EMCS	T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
JA	DEC	VSXXX-GA		MOUSE	24	9/5	4	24AIMB	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	24	9/5	4	24AIMA	EMCS	T&M
JA	DEC	54-19288		SCSI/FDI INTERFACE	24	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	54-19628-01		2-DGRAPHICSBOARD	24	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	54-20365-01		GRAPHICSBOARD	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	54-20365-01		GRAPHICSBOARD	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	65102C1		DATARAMMEMORY	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	65102C1		DATARAMMEMORY	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	65102C1		DATARAMMEMORY	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	65102C1		DATARAMMEMORY	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	DSP3053L		535MBHARDDRIVE	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	DSP3210		2.1GBDISKDRIVE	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	KA42		CPU	24	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	KA46		CPU	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	KA46		CPU	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	KA48-AA		CPU	24	9/5	4	24OP4	EMCS	T&M
JA	DEC	KA48-AA		CPU	24	9/5	4	24OP5	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	24	9/5	4	24OP5	EMCS	T&M
JA	DEC	ME022		MEMORYMODULE	24	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	24	9/5	4	24OP4	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	24	9/5	4	24OP4	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	24	9/5	4	24OP4	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	24	9/5	4	24OP5	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	24	9/5	4	24OP5	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	24	9/5	4	24OP5	EMCS	T&M
JA	DEC	RZ23-E	SH02823943	DISKDRIVE	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	RZ23-E	SH02922997	DISKDRIVE	24	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	RZ23-E	SH02922846	DISKDRIVE	24	9/5	4	48AIM2	EMCS	T&M
JA	DEC	RZ23-E	SH02922843	DISKDRIVE	24	9/5	4	48AIM2	EMCS	T&M
JA	DEC	VSXXXAA	7A20847576	MOUSE	24	9/5	4	221BCK	EMCS	T&M
JA	DEC	VSXXX-AA		MOUSE	24	9/5	4	221AIM	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	24	9/5	4	24OP4	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	24	9/5	4	24OP5	EMCS	T&M
JA	DEC	KA48-AA		CPU	32	9/5	4	32OP1	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	32	9/5	4	32OP1	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	32	9/5	4	32OP1	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	32	9/5	4	32OP1	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	32	9/5	4	32OP1	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	32	9/5	4	32OP1	EMCS	T&M
JA	DEC	54-19288		SCSI/FDI INTERFACE	32	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	54-19628-01		2-DGRAPHICS	32	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	DSP3053L		535MBDISKDRIVE	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	KA42		CPU	32	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	KA48-AA		CPU	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	ME022		MEMORYBOARD	32	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	RZ23-E	SH02923183	DISKDRIVE	32	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	RZ23-E	SH02923183	DISKDRIVE	32	9/5	4	MISCEQP	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	32	9/5	4	32OP2	EMCS	T&M
JA	DEC	KA48-AA		CPU	45	9/5	4	45OP1	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	45	9/5	4	45OP1	EMCS	T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
JA	DEC	MS40-BA		8MBMEMORY	45	9/5	4	45OP1	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	45	9/5	4	45OP1	EMCS	T&M
JA	DEC	MS40-BA		8MBMEMORY	45	9/5	4	45OP1	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	45	9/5	4	45OP1	EMCS	T&M
JA	DEC	54-20365-01		GRAPHICSBOARD	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	65102C1		DATARAMMEMORY	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	65102C1		DATARAMMEMORY	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	DSP3053L		DISKDRIVE	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	DSP3210		DISKDRIVE	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	DSP3210		2.1GBHARDDRIVE	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	KA46		CPU	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	KA49-AA		CPU	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	MS44L-BC		16MBMEMORY	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	MS44L-BC		16MBMEMORY	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	MS44L-BC		16MBMEMORY	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	MS44L-BC		16MBMEMORY	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	RZ23-E	SH02923161	DISKDRIVE	48	9/5	4	48AIM2	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	48	9/5	4	48AIM1	EMCS	T&M
JA	DEC	VS42A-CX	AB0397462	CPU	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	DEC	VS48K-DA	AB3350270F	CPU	SAIC	9/5	4	ALLENB	EMCS	T&M
JA	DEC	VS48K-DA	AB3350272J	CPU	SAIC	9/5	4	CLARKP	EMCS	T&M
JA	DEC	VS48K-DA	AB3350271H	CPU	SAIC	9/5	4	DEANK	EMCS	T&M
JA	DEC	VS49K-AC	NI52402EXA	CPU	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	SAIC	9/5	4	ALLENB	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	SAIC	9/5	4	CLARKP	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	SAIC	9/5	4	DEANK	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	DEC	VSXXX-GA		MOUSE	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	VRT16-DA	IS12705716	MONITOR	SAIC	9/5	4	ALLENB	EMCS	T&M
JA	DEC	VRT16-DA	11903420	MONITOR	SAIC	9/5	4	CLARKP	EMCS	T&M
JA	DEC	VRT16-DA	IS12705707	MONITOR	SAIC	9/5	4	DEANK	EMCS	T&M
JA	DEC	VRT17-HA	5A52806481	MONITOR	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	VRT19-D3	IS12436919	MONITOR	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	DEC	SZ12C-XA	AB04900RCQ	CABINET	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	RZ57-E		DISK DRIVE	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	RRD42-DA	836775	CDROM	SAIC	9/5	4	ALLENB	EMCS	T&M
JA	DEC	RRD43		CDROM	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	RZ24L		DISK DRIVE	SAIC	9/5	4	ALLENB	EMCS	T&M
JA	DEC	RZ24L		DISK DRIVE	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	DEC	RZ26L		DISK DRIVE	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	LP240		DISK DRIVE	SAIC	9/5	4	CLARKP	EMCS	T&M
JA	DEC	LP240S		DISK DRIVE	SAIC	9/5	4	DEANK	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	SAIC	9/5	4	ALLENB	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	SAIC	9/5	4	CLARKP	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	SAIC	9/5	4	DEANK	EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	LA75	043J8659	PRINTER	SAIC	9/5	4	DEANK	EMCS	T&M
JA	DEC	LK201		KEYBOARD	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	DEC	DSP3210		DISK DRIVE	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	DEC	DSRVF-D	AG045PAA92	SERVER	SAIC	9/5	4	EMCS	EMCS	T&M
JA	DEC			CABINET	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	DEC	DEF1H-MB		INTERFACE		9/5	4		EMCS	T&M
JA	DEC	DEF1H-MB		INTERFACE		9/5	4		EMCS	T&M
JA	DEC	DEF1H-MB		INTERFACE		9/5	4		EMCS	T&M
JA	DEC	DESBF-N		SWITCHBOX		9/5	4		EMCS	T&M
JA	DEC	DESBF-N		SWITCHBOX		9/5	4		EMCS	T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
JA	DEC	DESBF-N		SWITCHBOX		9/5	4		EMCS	T&M
JA	DEC	DSP3210		2.1GBDISKDRIVE		9/5	4	221BCK	EMCS	T&M
JA	DEC	LK401		KEYBOARD		9/5	4		EMCS	T&M
JA	DEC	LK401		KEYBOARD		9/5	4		EMCS	T&M
JA	DEC	LK401		KEYBOARD		9/5	4		EMCS	T&M
JA	DEC	LK401		KEYBOARD		9/5	4		EMCS	T&M
JA	DEC	RRD42-AA		CDROM		9/5	4		EMCS	T&M
JA	DEC	VRT16-A		MONITOR		9/5	4		EMCS	T&M
JA	DEC	VRT16-A		MONITOR		9/5	4		EMCS	T&M
JA	DEC	VRT16-A		MONITOR		9/5	4		EMCS	T&M
JA	DEC	VRT17-A		MONITOR		9/5	4		EMCS	T&M
JA	DEC	VS48K-DA		CPU		9/5	4		EMCS	T&M
JA	DEC	VS48K-DA		CPU		9/5	4		EMCS	T&M
JA	DEC	VS48K-DA		CPU		9/5	4		EMCS	T&M
JA	DEC	VS49K-AC		CPU		9/5	4		EMCS	T&M
JA	DEC	LK401-AA		KEYBOARD		9/5	4	240P4	MISCEQP	T&M
JA	DEC	LK401-AA	HJ22419902	KEYBOARD	24	9/5	4			T&M
JA	EXABYTEC	EXB-4200C		4MMTAPE DRIVE	24	9/5	4	24AIM6	EMCS	T&M
JA	EXABYTEC	EXB-4200C		TAPE DRIVE	24	9/5	4	240P5	EMCS	T&M
JA	EXABYTEC	EXB-4200	2009792	TAPE DRIVE	32	9/5	4	MISCEQP	EMCS	T&M
JA	EXABYTEC	EXB-4200C	30022959	TAPE DRIVE	SAIC	9/5	4	ISCAIM	EMCS	T&M
JA	EXABYTEC	EXB-4200-C	20004255	TAPE DRIVE	SAIC	9/5	4	ISCDEV	EMCS	T&M
JA	HEWLETT-PACKARD	C1001W	2930A41530	CRT (LU51)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	33440A	2731J77126	LASERJET-PC	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	2745A00416	CRT (LU41)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	2199D	2740A00329	CPU A	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	2199D	2740A00334	CPU B	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	2744A01642	CRT (LU1-A)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	2738A00483	CRT (LU1-B)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	3222A17723	CRT (LU42)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	3042A64928	CRT SPARE	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	9144A	2742E20823	TAPE DRIVE (A)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	9144A	2742E20834	TAPE DRIVE (B)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	33440A	2731J77118	LASERJET (LU7)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	33440A	2731J77355	LASERJET (LU8)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	7958B	2851A03765	DISK DRIVE (LU26)	30	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	33440A	2743J52646	LASERJET (LU7)	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	2199D	2740A00335	CPU C	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	2744A01600	CRT (LU1)	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	9144A	2742E30513	TAPE DRIVE	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	2746A00129	CRT (LU41)	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	C1001W	2746A00325	CRT (LU42)	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD	7958B	2922A08372	DISK DRIVE	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD		2747S11471	KEYBOARD	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD		2747S11473	KEYBOARD	SAIC	9/5	4		CSCS	T&M
JA	HEWLETT-PACKARD		2747S11270	KEYBOARD	SAIC	9/5	4		CSCS	T&M
JA	Mannesmann Tally	MT-360	2822614	Dot Matrix Printer	419	9/5	4		MISCEQP	T&M
JA	Mannesmann Tally	MT-360	2822610	Dot Matrix Printer	421	9/5	4		MISCEQP	T&M
JA	Mannesmann Tally	MT-360	2821973	Dot Matrix Printer	421	9/5	4		MISCEQP	T&M
JA	Mannesmann Tally	MT-360	2821977	Dot Matrix Printer	421	9/5	4		MISCEQP	T&M
JA	ORCHESTRA	TUBA-17	K100404	MONITOR	24	9/5	4	48AIM2	EMCS	T&M
JA	QUANTUM	PRODRIVELPS		DISKDRIVE	32	9/5	4	32OP1	EMCS	T&M
JA	QUANTUM	PRODRIVELPS		210MBDISKDRIVE	45	9/5	4	45OP1	EMCS	T&M
JA	SEAGATE	ST1480N	TN552756	DISKDRIVE	24	9/5	4	MISCEQP	EMCS	T&M
JA	SEAGATE	ST1480N	TN577442	DISKDRIVE	24	9/5	4	MISCEQP	EMCS	T&M
JA	SEAGATE	ST1480N	TN574349	DISKDRIVE	24	9/5	4	24AIMB	EMCS	T&M

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ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
JA	SEAGATE	ST1480N		480MBDISKDRIVE	24	9/5	4	24AIMA	EMCS	T&M
JA	SEAGATE	ST1480N	TN590718	DISKDRIVE	24	9/5	4	MISCEQP	EMCS	T&M
JA	SEAGATE	ST1480N	WN351359	DISKDRIVE	24	9/5	4	221AIM	EMCS	T&M
JA	SEAGATE	ST1480N		DISKDRIVE	24	9/5	4	24OP5	EMCS	T&M
JA	SEAGATE	ST1480N	TN525554	DISKDRIVE	32	9/5	4	MISCEQP	EMCS	T&M
JA	SEAGATE	ST1480N	WN269694	DISKDRIVE	48	9/5	4	48AIM2	EMCS	T&M
JA	SEAGATE	ST1480N		480MBHARDDRIVE	48	9/5	4	48AIM1	EMCS	T&M
JA	SEAGATE	ST1480N	WN268528	DISKDRIVE		9/5	4	221BCK	EMCS	T&M
JA	TORQUE	TOP220SS		POWERSUPPLY	24	9/5	4	24AIMB	EMCS	T&M
JA	TORQUE	TOP220SS		POWERSUPPLY	24	9/5	4	24OP4	EMCS	T&M
JA	TORQUE	TOP220SS		POWERSUPPLY	24	9/5	4	24OP5	EMCS	T&M
JA	TORQUE	TOP220SS		POWERSUPPLY	48	9/5	4	48AIM2	EMCS	T&M
JA	TORQUE	TOP220SS		POWERSUPPLY		9/5	4	221BCK	EMCS	T&M
JA	UNKNOWN	UNKNOWN		SWITCHBOX	221	9/5	4	MISCEQP	EMCS	T&M
JA	WETEX	WX2866F-4B		EXTERNALCABINET	24	9/5	4	24OP4	EMCS	T&M
JA	WETEX	WX2866F-4B		CABINET		9/5	4	221BCK	EMCS	T&M
JA	DEC	VS48K-CA	AB412021E1	VAXSTATION 4000 VLC (PV31A)	45	9/5	4		EMCS	T&M
JB	DEC	LA50RA	HY60415882	PRINTER,ADP	30M	9/5	4			T&M
JB	DEC	LA50RA	HY60415882	PRINTER	30M	9/5	4			T&M
JB	MOUNTAIN	01-09003-01	EBB7036	CARTRIDGEDISKDRIVE	420	9/5	4			T&M
JJ	DEC	VRT19-DA	IS11126202	COLORMONITOR	221	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	WS42A-CX	AB040020JL	VAXSTATION3100MOD38	221	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	VRT19-DA	IS12738645	COLORMONITOR	221	9/5	4	221BCK	EMCS	T&M
JJ	DEC	VRT19-DA	IS01004907	COLORMONITOR	221	9/5	4	221AIM	EMCS	T&M
JJ	DEC	VS46K-AD	AB24503WB7	VAXSTATION4000MOD60	221	9/5	4	221AIM	EMCS	T&M
JJ	DEC	WS42A-CX	AB039073LT	VAXSTATION3100MOD38	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045PAA27	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045PAA47	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045PAA25	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045NZ289	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045PAA35	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045PAA34	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LJ250-A6-A1	SD04322382	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LJ250-A6-A1	SD04322375	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LN05-A2	CA02201283	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	VRC21-HA	4K41516482	MONITOR	24	9/5	4	24OP7	EMCS	T&M
JJ	DEC	VRT19-DA	IS04510021	COLORMONITOR	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	VRT19-DA	IS04510018	COLORMONITOR	24	9/5	4	24AIMB	EMCS	T&M
JJ	DEC	VS48K-CA	AB42300JUK	VAXSTATION4000VLC(PV31A)	24	9/5	4	24OP4	EMCS	T&M
JJ	DEC	VS48K-CA	AB42300JVM	VAXSTATION4000VLC(PV31A)	24	9/5	4	24OP7	EMCS	T&M
JJ	DEC	VS49K-AB	AB23601601	VAXSTATION4000-90A(PV710-AA)	24	9/5	4	24AIMB	EMCS	T&M
JJ	DEC	VS49K-AB	AB42402MA3	VAXSTATION4000-90A(PV710-AA)	24	9/5	4	24AIMA	EMCS	T&M
JJ	DEC	WS42A-CX	AB040224VL	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	2R-RZREC-AA	N103694568	TAPEDRIVE	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	DSRVF-BA	AG045PAA36	CPU	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LA324-A3-A01	BU01808607	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LA324-A3-A01	BU01808578	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LA324-A3-A01	BU1808608	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LJ250-A6-A1	SD23028284	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LJ250-A6-A1	SD23028286	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LJ250-A6-A1	SD23028427	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	LN05-A2	CA02201206	PRINTER	24	9/5	4	MISCEQP	EMCS	T&M
JJ	DEC	TK50Z-FA	WF04247855	TAPEDRIVE	24	9/5	4	MISCEQP	EMCS	T&M

JSC Enabling Technology and Security
Non-IRD Hardware Maintenance List

ORG	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	BLDG	PPM ¹	MRESP ²	SYSID ³	SYSCOMP ⁴	MAINT TYPE
JJ	DEC	VRC21-HA	4K41516484	MONITOR	24	9/5	4	24OP6	EMCS	T&M
JJ	DEC	VS46K-AD	AB22602K19	VAXSTATION4000MOD60	24	9/5	4	221BCK	EMCS	T&M
JJ	DEC	VS48K-CA	AB42300JSG	VAXSTATION4000VLC(PV31A)	24	9/5	4	24OP5	EMCS	T&M
JJ	DEC	WS42A-CX	AB0400200V	VAXSTATION3100MOD38	24	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	2R-RZREC-AA	N103694573	TAPE DRIVE	28	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	VRT19-DA	IS04510020	COLOR MONITOR	28	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	WS42A-CX	AB0410531C	VAXSTATION3100MOD38	28	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	VRT19-HA	IS34391201	MONITOR	32	9/5	4	32OP1	EMCS	T&M
JJ	DEC	VS48K-CA	AB412021G5	VAXSTATION4000VLC(PV31A)	32	9/5	4	32OP1	EMCS	T&M
JJ	DEC	VRC21-HA	4K41516480	MONITOR	32	9/5	4	32OP2	EMCS	T&M
JJ	DEC	VS48K-CA	AB42300JT1	VAXSTATION4000VLC(PV31A)	32	9/5	4	32OP2	EMCS	T&M
JJ	DEC	LG02-A2	NU75482	LINE PRINTER	327	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	VRT19-HA	IS34391199	MONITOR	45	9/5	4	45OP1	EMCS	T&M
JJ	DEC	VS49K-AB	AB42402MC7	VAXSTATION4000-90A(PV710-AA)	48	9/5	4	48AIM1	EMCS	T&M
JJ	DEC	LJ250-A6-A1	SD04322673	PRINTER	48	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	VRT19-DA	IS0451002	COLOR MONITOR	48	9/5	4	MISCEOP	EMCS	T&M
JJ	DEC	VRT19-DA	IS12336158	COLOR MONITOR	48	9/5	4	48AIM1	EMCS	T&M
JJ	DEC	VS46K-AD	AB22602KCX	VAXSTATION4000MOD60	48	9/5	4	48AIM2	EMCS	T&M
JJ	DEC	VS48K-CA		VAXSTATION4000VLC(PV31A)	45	9/5	4	45OP1	MISCEOP	T&M
JJ	DEC	PN-DESBF-MB	AS50307532	SWITCHING UNIT 900TX	24	9/5	4			T&M
JJ	DEC	PN-DESBF-MB	AS50307532	SWITCHING UNIT 900TX	24	9/5	4			T&M
JJ	DEC	DSRVF-BA	AG045	SERVER COMMUNICATION	24	9/5	4			T&M
JJ	DEC	DSRVF-BA	AG045	SERVER COMMUNICATION	24	9/5	4			T&M
JJ	DEC	LJ250A6	SD04322373	PRINTER ADP	32	9/5	4			T&M
JJ	DEC	LJ250A6	SD04322373	PRINTER	32	9/5	4			T&M
JJ	HITACHI	HM-4520-D	415340-107	MONITOR	24	9/5	4	24OP3	EMCS	T&M
JJ	HITACHI	HM-4520-D	415340-113	MONITOR	24	9/5	4	24AIMA	EMCS	T&M
JJ	LIEBERT	PRC4150	148618A	POWER DISTRIBUTION UNIT	46	9/5	4			T&M
JJ	WETEX	WX2866F-4B		SCSI DISK DRIVE CABINET	24	9/5	4	24AIMA	EMCS	T&M
JJ	WETEX	WX2866F-4B	NONE	CABINET	24	9/5	4	24AIMB	EMCS	T&M
JJ	WETEX	WX2866F-4B		EXTERNAL DISK DRIVE CABINET	24	9/5	4	24OP5	EMCS	T&M
JJ	WETEX	WX2866F-4B	NONE	CABINET	48	9/5	4	48AIM2	EMCS	T&M
JJ3	DEC	KA48-AA		CPU	24	9/5	4	24OP7	EMCS	T&M
JJ3	DEC	MS40-BA		8MB MEMORY	24	9/5	4	24OP7	EMCS	T&M
JJ3	DEC	MS40-BA		8MB MEMORY	24	9/5	4	24OP7	EMCS	T&M
JJ3	DEC	MS40-BA		8MB MEMORY	24	9/5	4	24OP7	EMCS	T&M
JJ3	DEC	RZ23-E	SH14620065	DISK DRIVE	24	9/5	4	48AIM2	EMCS	T&M
JJ3	DEC	VSXXX-GA		MOUSE	24	9/5	4	24OP7	EMCS	T&M
JL	DEC	216		DISK DRIVE UNIT		9/5	4		STANDALONE	T&M
OZ	IBM	DORS32160		CPU MICRO	4S	24/7	2			T&M
OZ	IBM	DORS32160		CPU MICRO	4S	24/7	2			T&M
1. PPM - Principal Period of Maintenance										
2. MRESP - Mean Time for Response										
3. SYSID - System Identification: The nomenclature given the components for identification purposes										
4. SYSCOMP - System Component: For the item described, the name or identification of the system to which the item belongs										

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type ¹	BLDG	SYSID ²	SYSCOMP ³	Section J-7 cross-reference
ITSSC	Dell	PowerEdge 2450	2WM0B01	SERVER, POWEREDGE 2450	IAGP	46	la-etm2	ETM	CFO
ITSSC	Dell	PowerEdge 2450	4WM0B01	SERVER, POWEREDGE 2450	IAGP	46	la-etm1 cluster.etmweb	ETM	CFO
ITSSC	Dell	PowerVault 200S Disk Enclosure	F55X901	Disk Enclosure	IAGP	46		ETM	CFO
ITSSC	Compaq	ProLiant 5500	D011CQZ3K152	SERVER, ADP	IAGP	46	jsc-la-tlcsq12	TLC	CFO
ITSSC	Compaq	ProLiant 5500	D011CQZ3K033	SERVER, ADP	IAGP	46	tlcbackup	TLC	CFO
ITSSC	HP	SureStore LTO Tape Unit	USOCE00013	TAPE DRIVE, AUTOLOADER	IAGP	46		TLC	CFO
ITSSC	Dell	PowerVault 56F SAN Switch	BW90N01	SAN Switch	IAGP	46		TLC	CFO
ITSSC	Dell	PowerVault 56F SAN Switch	7W90N01	SAN Switch	IAGP	46		TLC	CFO
ITSSC	Compaq	ProLiant 5500	D011CQZ3K004	SERVER, ADP	IAGP	46	jsc-la-tlcsq11	TLC	CFO
ITSSC	Dell	PowerVault 660F Disk Enclosure	1GRJK01	Disk Enclosure	IAGP	46		TLC	CFO
ITSSC	Compaq	ProLiant 3000	D010DDL1K050	SERVER, ADP	IAGP	46	jsc-ll-cfodw	CFODW	CFO
ITSSC	Dell	PowerEdge 8450	HJYHK01	SERVER, ADP	IAGP	46	jsc-la-tlcbkweb	TLC	CFO
ITSSC	Dell	PowerEdge 8450	CJYHK01	SERVER, ADP	IAGP	46	jsc-la-tloweb2	TLC	CFO
ITSSC	Dell	PowerEdge 8450	FJYHK01	SERVER, ADP	IAGP	46	jsc-la-tlcweb1	TLC	CFO
IMPASS					CAGP	8	IMPASS003		Contract Administration
IMPASS					CAGP	8	IMPASSWEB_BDN		Contract Administration
IMPASS	Dell				CAGP	8	JSCIMPASSBDN		Administration
IMPASS	Dell				CAGP	8	JSCIMPASSCFG1		Contract Administration
IMPASS	Dell	PowerEdge			CAGP	8	JSCIMPASSWEBSEI		Contract Administration
IMPASS	Dell	PowerEdge 4400			CAGP	8	JSCIMPASSWWW1		Contract Administration
ITSSC	Dataco Derex	MT1311	175473060001	COMPUTER, MICRO	IAGP	1	JSC-AA-CR945-S2	CR945	CR945
ITSSC	HP	PROLIANT DL580	D312FSZ1H175	SERVER, ADP	IAGP	46	JSC-isd-FS01B	CSM	CSM
ITSSC	HP	PROLIANT DL580	D312FSZ1H190	SERVER, ADP	IAGP	46	JSC-isd-FS01A	CSM	CSM
ITSSC	Quantum	Guardian 14000		SnapServer	IAGP	46	JSC-isd-FS02	CSM	CSM
IMPASS	Dell	PowerEdge 8650	7QSGX21	SERVER, ADP	IAGP	46	JSC-isd-HUMMER7	CSS	CSS
IMPASS	Dell	PowerEdge 8650	8QGGX21	SERVER, ADP	IAGP	46	JSC-isd-HUMMER6	CSS	CSS
IMPASS	Compaq	ProLiant DL380	DO11DKN1K127	COMPUTER, MICRO	IAGP	46	JSC-isd-HUMMER3	CSS	CSS
IMPASS	Compaq	ProLiant DL380	DO11DKN1K169	COMPUTER, MICRO	IAGP	46	JSC-isd-HUMMER1	CSS	CSS
IMPASS	Compaq	ProLiant DL380	DO11DKN1K078	COMPUTER, MICRO	IAGP	46	JSC-isd-HUMMER2	CSS	CSS
LAB	Compaq	StorageWorks TL891 Mini Library	3G08CR833019	TAPE LIBRARY, STORAGE	IAGP	46	Remedy Backup Tape		CSS
LAB	Compaq	DS-TL891-NE	2K03100245	Tape Library Expansion	IAGP	46			CSS
IMPASS	Dell	PowerEdge 8650	4Y1YN01	SERVER, ADP	IAGP	46	JSC-isd-HUMMER4	CSS	CSS
IMPASS	Dell	PowerEdge 8650	5Y1YN01	SERVER, ADP	IAGP	46	JSC-isd-HUMMER5	CSS	CSS
IMPASS	Dell	2450	G4PPH01	COMPUTER, MICRO	IAGP	46	DDMS0	DDMS	DDMS
IMPASS	Dell	56F	8XLFJ01	SAN Switch	IAGP	46			DDMS
IMPASS	Dell	AVM	2K9DJ01	Disk Enclosure	IAGP	46			DDMS
IMPASS	Sun	Fire V480 Server	325VD477	Server	IAGP	46	DDMS10	DDMS	DDMS
IMPASS	Sun	Sun Fire V480 Server	325VD468	Server	IAGP	46	DDMS11	DDMS	DDMS
IMPASS	Shark		0560A00271	KVM	IAGP	46			DDMS
IMPASS	Dell	PowerEdge 2650		Server	IAGP	46	DDMS15	DDMS	DDMS
IMPASS	Dell	PowerEdge 2650		Server	IAGP	46	DDMS16	DDMS	DDMS
IMPASS	HP	MSL5000	US3BS04989	Tape Autoloader	IAGP	46			DDMS
IMPASS	Cisco			Network Switch	IAGP	46			DDMS
IMPASS	Dell	2550	47QZD11	Server	IAGP	46	DDMS8	DDMS	DDMS
IMPASS	Dell	2550	67QZD11	Server	IAGP	46	DDMS9	DDMS	DDMS
IMPASS	Dell	CLAN5000	6N52001	SWITCH, GIGANET	IAGP	46			DDMS
IMPASS	GIGANET	CLAN500	301600160	SWITCHER	IAGP	46			DDMS
IMPASS	Dell	2550	3XL7X01	SERVER, ADP	IAGP	46	DDMS7	DDMS	DDMS
IMPASS	Dell	56F	402BX01	SAN Switch	IAGP	46			DDMS

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type ¹	BLDG	SYSID ²	SYSCOMP ³	Section J-7 cross-reference
IMPASS	Dell	8450	D4J7T01	Server	IAGP	46	DDMS5	DDMS	DDMS
IMPASS	Dell	8450	F4J7T01	Server	IAGP	46	DDMS6	DDMS	DDMS
IMPASS	Dell	6450	J7XHJ01	Server	IAGP	46	DDMS4	DDMS	DDMS
IMPASS	Dell	AVM	48R1Y01	Disk Enclosure	IAGP	46			DDMS
IMPASS	Dell	200S	4P52B01	Disk Enclosure	IAGP	46			DDMS
IMPASS	Dell	6450	C2KBB01	Server	IAGP	46	DDMS1	DDMS	DDMS
IMPASS	Dell	6450	83KBB01	Server	IAGP	46	DDMS2	DDMS	DDMS
IMPASS	Dell	6450	B2KBB01	Server	IAGP	46	DDMS3	DDMS	DDMS
IMPASS	Sun	Fire 280R Server	322AD1EF7	SERVER, ADP	IAGP	46	DDMS14	DDMS	DDMS
IMPASS	Sun	Fire 280R Server	322AD1EF8	SERVER, ADP	IAGP	46	DDMS13	DDMS	DDMS
IMPASS	Sun	Fire 280R Server	322AD1F2D	SERVER, ADP	IAGP	46	DDMS12	DDMS	DDMS
DSSSC	COMPAQ		DF000002360	SAN Switch	IAGP	46	ECF	ECF	ECF
DSSSC	COMPAQ		DF000002389	SAN Switch	IAGP	46	ECF	ECF	ECF
DSSSC	COMPAQ	DH-64AAA-AK	NI93704567	ALPHA SERVER	IAGP	46	ECFA-5	ECFA-5	ECF
DSSSC	COMPAQ	DH-64AAA-AK	NI93704596	ALPHA SERVER	IAGP	46	ECFA-6	ECFA-6	ECF
DSSSC	COMPAQ	DH-64AAA-AK	NI93704598	ALPHA SERVER	IAGP	46	ECFA-7	ECFA-7	ECF
DSSSC	DLT	DS-TZ89N	1218314	DLT TAPE DRIVE	IAGP	46	ECF	ECF	ECF
DSSSC	COMPAQ	H9A10MC	E29380B281	ALPHA CABINET	IAGP	46	ECF	ECF	ECF
DSSSC	COMPAQ	625	6041855	DISPLAY UNIT	IAGP	46	ECF	ECF	ECF
DSSSC	COMPAQ	DS-SWXES-HA	L943CRMZZ640	STORAGE ARRAY	IAGP	46	ECF	ECF	ECF
DSSSC	Hewlett Packard	Brocade Switch	D6000091293	HP-16 port Brocade Switch	IAGP	46	ECFH	ECFH	ECF
DSSSC	Hewlett Packard			Monitor	IAGP	46	ECF		ECF
DSSSC	Hewlett Packard		US000048705	HP Cabinet	IAGP	46	ECFH-1	ECFH	ECF
DSSSC	Hewlett Packard	HP 9000	USM4035577	HP N4000 Enterprise Server	IAGP	46	ECFH-XP	ECFH	ECF
DSSSC	Hewlett Packard	Sure Store E Tape Lib	USP0005120	HP Sure Store E Tape Lib	IAGP	46	ECFH-XP	ECFH	ECF
DSSSC	Hewlett Packard	HP XP512	JPHB030227	HP Sure Store Disk Array	IAGP	46	ECFH-XP	ECFH	ECF
DSSSC	Hewlett Packard	HP PA8500	USS4036049	HP L Class Server	IAGP	46	ECFH-2	ECFH	ECF
DSSSC	Hewlett Packard	Brocade Switch	D6000091346	HP-16 port Brocade Switch	IAGP	46	ECFH	ECFH	ECF
IMPASS	Sun	E450	921H23F0	COMPUTER, MICRO	IAGP	46	EDCC2	EDCC	EDCC
IMPASS				Monitor/18841	IAGP	46	EDCC2		EDCC
IMPASS	Sun	E450	932H36DA	COMPUTER, MICRO	IAGP	46	EDCC1	EDCC	EDCC
IMPASS	Sony	LT50Z-T3L	675415	TAPE DRIVE, EXTERNAL	IAGP	46	EDCC1		EDCC
IMPASS				Monitor/18842	IAGP	46	EDCC1		EDCC
IMPASS	Sun	E450	949H2D1E	COMPUTER, MICRO	IAGP	46	EDCC-DEV	EDCC	EDCC
IMPASS				Monitor/19740	IAGP	46	EDCC-DEV		EDCC
IMPASS	Custom	Custom	None	Data Conversion Dept Server	CAGP	227	JSC-ISD-DC01		GRAPHICS
IMPASS	Custom	Custom	None	Color Plotter Controller	IAGP	227	JSC-ISD-GRA02		GRAPHICS
IMPASS	Custom	Custom	None	Print Shop File/Print Queue Server	CAGP	227	JSC-ISD-GRA01		GRAPHICS
IMPASS	Custom	Custom	None	Color Plotter Controller	CAGP	227	JSC-ISD-GRA03		GRAPHICS
IMPASS	Custom	Custom	None	Graphics File Server	CAGP	227	JSC-ISD-GRA04		GRAPHICS
IMPASS	Sun/Xerox	Sunblade 1000	218Z0480	Production Printer Controller	CAGP	227	DT6135-1		GRAPHICS
IMPASS	Sun/Xerox	Sunblade 1000	220C65CA	Production Printer Controller	CAGP	227	DT6135-2		GRAPHICS
IMPASS	Sun/Xerox	Sunblade 1000	219C565D	Production Printer Controller	CAGP	227	DT6135-3		GRAPHICS
IMPASS	Sun/Xerox	Sunblade 1000	219C5256	Production Printer Controller	CAGP	227	DT6135-4		GRAPHICS
IMPASS	Sun	E-450	834F301F	FILE SERVER	IAGP	46	JSC-ISD-LIB06 (IMAGES2)		LIBSYSTEMS
IMPASS	Sun	447Z	0070579-9828KC0119	Monitor	IAGP	46		IMAGES	LIBSYSTEMS
IMPASS	Sun	A1000	032H3895	DISK ARRAY	IAGP	46			LIBSYSTEMS
IMPASS	Sun	A1000	013H2CED	DISK ARRAY	IAGP	46			LIBSYSTEMS
IMPASS	Exabyte			Exabyte ext. RTD/008398	IAGP	46			LIBSYSTEMS
IMPASS	Sun	E-450	834F3074	FILE SERVER	IAGP	46	JSC-ISD-LIB05 (IMAGES1)		LIBSYSTEMS
IMPASS	Sun	447Z	0070579-9828CC0035	Monitor	IAGP	46		IMAGES	LIBSYSTEMS
IMPASS	Sun	A1000	013H2CEE	DISK ARRAY	IAGP	46			LIBSYSTEMS
IMPASS	Exabyte			Exabyte ext. RTD/008947	IAGP	46			LIBSYSTEMS
IMPASS	Sun	Blade			IAGP	46	IMPASS-DEV2		IMPASS Dev
IMPASS	Sun	Blade			IAGP	46	IMPASS-DEV1		IMPASS Dev
ITSSC	Compaq	Proliant 6000		Server	IAGP	46	jsc-isd-wwws1		IRD IT Sec
LAB	HP	C2001A	JPBC026495	PRINTER, ADP	IAGP	46			IRD LAB

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type ¹	BLDG	SYSID ²	SYSCOMP ³	Section J-7 cross-reference
LAB	Sony	544	518F011D	COMPUTER, MICRO	IAGP	46			IRD LAB
LAB	Sun	GDM20D10		DISPLAY UNIT	IAGP	46			IRD LAB
LAB	Sun	544	518F011D	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB
LAB	Sun	GDM20D10	0010968-9521FC3382	DISPLAY UNIT	IAGP	46			IRD LAB
LAB	HP			PRINTER, ADP	IAGP	46			IRD LAB
LAB	Sun	544	518F011D	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB
LAB	Sun	544	542F0856	COMPUTER, MICRO	IAGP	46			IRD LAB
LAB	Sun	GDM20D10		DISPLAY UNIT	IAGP	46			IRD LAB
LAB	Dell	PowerEdge 2550	4LC7C11	SERVER, ADP	IAGP	46	Ghost Server		IRD LAB
LAB	Sun	544	649F14D0	COMPUTER, MICRO	IAGP	46			IRD LAB
LAB	Sun	544	651F25ED	COMPUTER, MICRO	IAGP	46			IRD LAB
LAB	Sun	GDM5010PT	0014698-9937KN0571	DISPLAY UNIT	IAGP	46			IRD LAB
LAB	Compaq	SERIES4000	D652HWA30479	SERVER, ADP	IAGP	46			IRD LAB
LAB	Compaq	ProLiant 6000	D927CPF1A091	SERVER, ADP	IAGP	46	Video Conf Pilot		IRD LAB
LAB	Sun	599-2229-01	936C1242	DISK DRIVE UNIT	IAGP	46			IRD LAB
LAB	Quantum	TH3BA-YF	CX64903023	TAPE DRIVE UNIT		46			IRD LAB
LAB	Sun	711	028C1A26	DISK DRIVE UNIT	IAGP	46			IRD LAB
LAB	Sun	380-0241-01	FW03010632	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB
LAB	Sun	GDM5010PT	0014698-9937KN0571	DISPLAY UNIT	IAGP	46			IRD LAB
LAB	Compaq	ProLiant 3000	D010DDL1K030	PROCESSOR CENTRAL, ADP	IAGP	46	Fax Server Pilot		IRD LAB
LAB	Compaq	ProLiant 3000	D029DDL2K083	PROCESSOR CENTRAL, ADP	IAGP	46	Lab Backups		IRD LAB
LAB	Compaq	ML370	D029FD81K227	PROCESSOR CENTRAL, ADP	IAGP	46			IRD LAB
LAB	Compaq	382200-001	D925CMG10364	COMPUTER, MICRO	IAGP	46	WWW41/ISD1		IRDWEB
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-isd-www5		IRDWEB
LAB	Compaq	StorageWorks TL891 Mini Library	3G08CR833015	TAPE LIBRARY, STORAGE	IAGP	46	Lab Backup Tape		IRD LAB
LAB	Compaq	DS-TL891-NE	2K03100241	Tape Library Expansion	IAGP	46			IRD LAB
LAB	Compaq	1X8PORTKVM	180RM001A12800	SWITCH BOX, CONSOLE	IAGP	46			IRD LAB
LAB	Compaq	TFT5000	035BH34P1514	DISPLAY UNIT, FLAT PANEL	IAGP	46			IRD LAB
LAB	Compaq	9000	P021659	CHASSIS RACK MOUNT	IAGP	46			IRD LAB
LAB	Compaq	9000	P021660	CHASSIS RACK MOUNT	IAGP	46			IRD LAB
LAB	Compaq	SP750	6038DW95A064	COMPUTER, MICRO	IAGP	46	Real Secure Backup		IRD LAB
LAB	Dell	NONE	5BM9W01	RACK	IAGP	46			IRD LAB
ITSSC	Compaq	ProLiant 3000	D925CMG10366	COMPUTER, MICRO	IAGP	46	jsc-isd-isd	IRDWEB	IRDWEB
IMPASS	Dell	6400	7560C11	SERVER, ADP	IAGP	46	JSC-ISD-SRCH3		JSC SEARCH
IMPASS	Sun	600691801	212V0299	SERVER, ADP	IAGP	46	JSC-ISD-SRCH1		JSC SEARCH
IMPASS	Sun	600691801	212V02A3	SERVER, ADP	IAGP	46	JSC-ISD-SRCH2		JSC SEARCH
IMPASS				Monitor/008031	CAGP	46			LIBSYSTEMS
IMPASS	Clone	Clone	NoneE	Server	CAGP	46	JSC-ISD-LIB15		LIBSYSTEMS
IMPASS	Sun	GX	9331DX1240	Monitor	IAGP	46			LIBSYSTEMS
IMPASS	Sun	E-450	331K0205	SERVER, ADP	IAGP	46	JSC-ISD-LIB01 (STIC)		LIBSYSTEMS
IMPASS	VIEWSONICS	TX1713MV	4130630501	Monitor	IAGP	46			LIBSYSTEMS
IMPASS	Sun	Sparcserver 1000	534F019B	COMPUTER, MINI	IAGP	46	JSC-ISD-LIB04 (STON)		LIBSYSTEMS
IMPASS	MICROTEST INC	7140-13	714099E0285	SERVER, ADP	IAGP	46	JSC-ISD-LIB08		LIBSYSTEMS
IMPASS	MICROTEST INC	7150-03	715099E0103	SERVER, ADP	IAGP	46	JSC-ISD-LIB07		LIBSYSTEMS
IMPASS				Monitor/008012	IAGP	46			LIBSYSTEMS
IMPASS	Clone			Server	CAGP	46	JSC-ISD-LIB02		LIBSYSTEMS
IMPASS	Clone			Server	CAGP	46	JSC-ISD-LIB13		LIBSYSTEMS
IMPASS	Clone			Server	CAGP	46	JSC-ISD-LIB14 (STICDB2)		LIBSYSTEMS
IMPASS	Custom	Custom	None	Backup JSC-STI Domain Controller	CAGP	227	JSC-ISD-LIB16		LIBSYSTEMS
IMPASS	Clone			Server	CAGP	46	JSC-ISD-LIB21		LIBSYSTEMS
IMPASS				Monitor/009009	CAGP	46			LIBSYSTEMS
ITSSC	Dell	PowerEdge 8450	JCSSB11	SERVER, POWEREDGE 8450	IAGP	46	NASAPOST1	NASAPOST	NASAPOST
ITSSC	Dell	PowerEdge 8450	IDSSB11	SERVER, POWEREDGE 8450	IAGP	46	NASAPOST2	NASAPOST	NASAPOST
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	JSC-POST-DC01	NASAPOST	NASAPOST
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	JSC-POST-DC02	NASAPOST	NASAPOST
ITSSC	Dell	PowerEdge 2550	73HK811	SERVER, ADP	IAGP	46	jsc-sql2	NETIQ	NETIQ

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type ¹	BLDG	SYSID ²	SYSCOMP ³	Section J-7 cross-reference
ITSSC	Dell	PowerEdge 2550	53HK811	SERVER, ADP	IAGP	46	jsc-sql1 cluster jsc-netiq-sql	NETIQ	NETIQ
ITSSC	Dell	Powervault 56F SAN Switch	5Y6H911	SAN Switch	IAGP	46		NETIQ	NETIQ
ITSSC	Dell	Powervault 56F SAN Switch	JL8H911	SAN Switch	IAGP	46		NETIQ	NETIQ
ITSSC	Dell	PowerVault 660F Disk Enclosure	5JHK811	Disk Enclosure	IAGP	46		NETIQ	NETIQ
ITSSC				Monitor	IAGP	46		NETIQ	NETIQ
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-pm1	NETIQ	NETIQ
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-openmgr	NETIQ	NETIQ
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-pm2	NETIQ	NETIQ
ITSSC	Dell	PowerEdge 2550		Server	IAGP	46	jsc-isd-ad-bk1	NETWORK	NETWORK
ITSSC	Compaq	Proliant 6000	D927CPFA091	SERVER, ADP	IAGP	46	jsc-isd-lab-cs1	NETWORK	NETWORK
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-isd-ddms-bdc1	NETWORK	NETWORK
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-ad-lab01	NETWORK	NETWORK
ITSSC	Dell			COMPUTER, MICRO	CAGP	46	jsc-ad-lab02	NETWORK	NETWORK
IMPASS				Monitor/19419	IAGP	46			PAOSYSTEMS
IMPASS	Sun	E450	921H3EE4	COMPUTER, MICRO	IAGP	46	IMPASS-DEV		PAOSYSTEMS
IMPASS	Exabyte			Exabyte ext. RTD/008480	IAGP	46			PAOSYSTEMS
IMPASS	Cinesys, Houston	Clone	S60106395	CONTROLLER, NETWORK	IAGP	2N	PAO MDC1		PAOSYSTEMS
IMPASS	Clone	Clone	CSI02983	COMPUTER, MICRO	IAGP	2N	PAO Video Server 1		PAOSYSTEMS
IMPASS	Clone	Clone	None	COMPUTER, MICRO	CAGP	2N	PAO Video Server 2		PAOSYSTEMS
ITSSC	Dell	PowerEdge 2550	5CK6711	SERVER, ADP	IAGP	46	jsc-isd-ps2	PKI	PKI
ITSSC	Dell	PowerVault 210S Disk Enclosure	6SL8711	Disk Enclosure	IAGP	46		PKI	PKI
ITSSC	Dell	LTO Tape Unit	1E72A05045	Tape Unit	IAGP	46		PKI	PKI
ITSSC	Dell	Monitor & Keyboard	TW-06H507-12961-1C4-	DISPLAY UNIT	IAGP	46		PKI	PKI
ITSSC	Dell	PowerEdge 2550	2CK6711	SERVER, ADP	IAGP	46	jsc-isd-ps1 cluster: jsc-isd-ps01	PKI	PKI
ITSSC	Dell			COMPUTER, MICRO	CAGP	45	jsc-isd-ra1	PKI	PKI
ITSSC	Dell			COMPUTER, MICRO	CAGP	45	jsc-isd-ra2	PKI	PKI
ITSSC	Dell	PowerEdge 8450	FZ3V411	SERVER, ADP	IAGP	46	JSC-ISD-SQL01B	SIDD	SIDD
ITSSC	Dell	PowerVault 660F Disk Enclosure	840BX01	Disk Enclosure	IAGP	46		SIDD	SIDD
ITSSC	Dell	Powervault 56F SAN Switch	6CTDD11	SAN Switch	IAGP	46		SIDD	SIDD
ITSSC	Dell	Powervault 56F SAN Switch	55PDD11	SAN Switch	IAGP	46		SIDD	SIDD
ITSSC	Dell	PowerEdge 8450	4TLQ411	SERVER, ADP	IAGP	46	JSC-ISD-SQL01A Cluster:jsc-isd-sql01	SIDD	SIDD
ITSSC	Dell	PowerVault 660F Disk Enclosure	CGCQ911	Disk Enclosure	IAGP	46		SIDD	SIDD
ITSSC	Dell	PowerVault 136T LTO Tape Unit	15NDG21	Tape Unit	IAGP	46		SIDD	SIDD
IMPASS	GVG	XP 1044	NONE	SERVER, VIDEO AUTO SYSTEM	IAGP	8	NVERIZON Automation PC		Still Digital Imaging System
IMPASS	SUPERMICRO	X86 XEON	NONE	SERVER, ADP	IAGP	8	JSC-ISD-DILOC	DIL	Still Digital Imaging System
IMPASS	SUPERMICRO	X86 XEON	137527	COMPUTER, MICRO	IAGP	8	JSC-ISD-DIL50	DIL	Still Digital Imaging System
IMPASS	SUPERMICRO	P6DGU	NONE	Digital Imaging Lab Work Server	IAGP	30	JSC-ISD-DIL01	DIL	Still Digital Imaging System
IMPASS	SUPERMICRO	X86 XEON			IAGP	8	JSC-ISD-DIL03	DIL	Still Digital Imaging System
IMPASS	SUPERMICRO	X86 XEON			IAGP	8	JSC-ISD-DIL04	DIL	Still Digital Imaging System
IMPASS	ADIC				IAGP	8		DIL	Still Digital Imaging System
IMPASS	DEC				IAGP	8	JSC_TVOPS_SRV		Video Servers
IMPASS	GVG	PDR 324	C22467	High Resolution Video	IAGP	8	PROFILE1		Video Servers
IMPASS	GVG	XP 1044	GV008629	High Resolution Video	IAGP	8	PROFILE2		Video Servers
IMPASS	Dell	PowerEdge 4400	3JUDZ	SERVER, FILE	IAGP	46	JSC-ISD-VID02		Video Servers

Contract	MANUFACTURER	MODEL	SERIAL	DESCRIPTION	Property Type ¹	BLDG	SYSID ²	SYSCOMP ³	Section J-7 cross-reference
IMPASS				Monitor/008095	IAGP	46	JSC-ISD-VID02		Video Servers
IMPASS	Dell	PowerEdge 4400			IAGP	8	JSC-ISD-VID01		Video Servers
IMPASS	GVG	XP 1044	00019-094-215-869	High Resolution Video	IAGP	8	VPL Flip Factory		Video Servers
ITSSC	Netscreen	Netscreen 5200		Outer Firewall (Primary)	IAGP	46			JSC Institutional Firewall System
ITSSC	Netscreen	Netscreen 5200		Inner Firewall (Primary)	IAGP	46			JSC Institutional Firewall System
ITSSC	Netscreen	Netscreen 5200		Outer Firewall (Backup)	IAGP	17			JSC Institutional Firewall System
ITSSC	Netscreen	Netscreen 5200		Inner Firewall (Backup)	IAGP	17			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 450		Special Purpose Firewall	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 450		Backup/Development Firewall	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Ultra 60		Firewall Administrative System	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 280R		Firewall Log Server	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 280R		Firewall Log Server	IAGP	17			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 450		Backup Firewall Log Server	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Sun Fire V880		Firewall Log Processing Server	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 250		IPSec VPN Server (Primary)	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 250		IPSec VPN Server (Secondary)	IAGP	46			JSC Institutional Firewall System
ITSSC	Compaq	Proliant 2500		PPTP VPN Server	IAGP	46			JSC Institutional Firewall System
ITSSC	DEC	Alpha 1000A		RaptorMobile-EC VPN Server	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 250		Web Proxy Server	IAGP	46			JSC Institutional Firewall System
ITSSC	Neoteris	Neoteris		Neoteris Server	IAGP	46			JSC Institutional Firewall System
ITSSC	Sun Microsystems	Enterprise 220R		Radius Authentication Server	IAGP	46			JSC Institutional Firewall System
NOTES:									
1. Property Type CAGP will become IAGP upon contract start									
2. SYSID - System Identification: The nomenclature given the components for identification purposes									
3. SYSCOMP - System Component: For the item described, the name or identification of the system to which the item belongs.									

Chief Information Officer (CIO) Policies and Guidelines

Any documents are provided by reference.

Note: IRD was previously the Information Systems Directorate (ISD)

Filename	Description
ITS_Incident_Reporting1.pdf	Information Technology Security (ITS) Incident Reporting Requirements (June 2003)
ja01-060 Policy on Use of NASA IT.doc	Policy on Use of NASA Information Technology (IT) Resources (September 2001)
jpd2800_1.doc	JSC Information Technology (IT) Program (May 2001)
May0503.pdf	Sanitization of NASA Equipment (May 2003)
PIC02-04.rtf	02-04 Procurement Information Circular - Security Requirements For Unclassified Information Technology (IT) Resources (February 2002)
PIC01-13.pdf	Procurement Information Circular – Section 508 Program – Electronic and Information Technology Accessibility (JUNE 2003)
PIC03-16.rtf	03-16 Procurement Information Circular – System Administrator Security Certification Program (June 2003)
Cert-Directive_v1.doc	IT Security Certification for Computer and Network Administrators (November 2002)
Re21.doc	FY 2003 Reporting Requirements for Information Technology Security Training (March 2003)
NSP-CCB_establishment3-031.doc	Establishment of Agency and Center Network Security Perimeter Configuration Control Boards (March 2003)
Scanning1.pdf	Scanning and Vulnerability Elimination or Mitigation (May 2003)
PrivacyPolicy1.pdf	NASA Web Site Privacy Policy (May 2003)
This document has been removed	Windows XP is the new desktop standard

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Deleted: 11/8/2007

WWW_Browser_Stnd1.doc	NASA World Wide Web Browser Standard (November 2002)
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THIS DD FORM 254 IS FOR PRE-AWARD PURPOSES ONLY DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i>				1. CLEARANCE AND SAFEGUARDING a. FACILITY CLEARANCE REQUIRED SECRET b. LEVEL OF SAFEGUARDING REQUIRED NONE	
2. THIS SPECIFICATION IS FOR: <i>(X and complete as applicable)</i>				3. THIS SPECIFICATION IS: <i>(X and complete as applicable)</i>	
a. PRIME CONTRACT NUMBER				a. ORIGINAL <i>(Complete date in all cases)</i>	Date (YYMMDD)
b. SUBCONTRACT NUMBER				b. REVISED <i>(Supersedes all previous specs)</i>	Revision No. Date (YYMMDD)
c. SOLICITATION OR OTHER NUMBER X RFP #03JDB001		Due Date (YYMMDD) 03/12/01		c. FINAL <i>(Complete Item 5 in all cases)</i>	Date (YYMMDD) 03/10/22
4. IS THIS A FOLLOW-ON CONTRACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				If Yes, complete the following:	
Classified material received or generated <u>N/A</u>				<u>(Preceding Contract Number)</u> are transferred to this follow-on contract.	
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				If Yes, complete the following:	
In response to the contractor's request <u>N/A</u>				retention of the classified material is authorized for the period <u>N/A</u>	
6. CONTRACTOR <i>(Include Commercial and Government Entity (CAGE) Code)</i>					
a. NAME, ADDRESS, AND ZIP CODE TO ALL PROSPECTIVE OFFERORS		b. CAGE CODE N/A		c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i> DSS-Defense Investigative Service Southwestern Sector 5800 East Compass Circle, Suite 110A Irving, TX 75062-2795	
7. SUBCONTRACTOR					
a. NAME, ADDRESS, AND ZIP CODE N/A		b. CAGE CODE N/A		c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i> N/A	
8. ACTUAL PERFORMANCE					
a. LOCATION NASA/Johnson Space Center Houston, TX 77058		b. CAGE CODE N/A		c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i> N/A	
9. GENERAL IDENTIFICATION OF THIS PROCUREMENT JSC Enabling Technology and Security Contract (JETS)					
10. CONTRACTOR WILL REQUIRE ACCESS TO					
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		YES	NO		
b. RESTRICTED DATA			X		
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION			X		
d. FORMERLY RESTRICTED DATA			X		
e. INTELLIGENCE INFORMATION			X		
(1) Sensitive Compartmented Information (SCI)			X		
(2) Non-SCI			X		
f. SPECIAL ACCESS INFORMATION			X		
g. NATO INFORMATION			X		
h. FOREIGN GOVERNMENT INFORMATION			X		
i. LIMITED DISSEMINATION INFORMATION			X		
j. FOR OFFICIAL USE ONLY INFORMATION		X			
k. OTHER <i>(Specify)</i>					
11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR					
a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY		YES	NO		
b. RECEIVE CLASSIFIED DOCUMENTS ONLY				X	
c. RECEIVE AND GENERATE CLASSIFIED MATERIAL					X
d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE					X
e. PERFORM SERVICES ONLY				X	
f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES					X
g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER					X
h. REQUIRE A COMSEC ACCOUNT					X
i. HAVE TEMPEST REQUIREMENTS					X
j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS					X
k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE					X
l. OTHER <i>(Specify)</i> - See item #13				X	

12. PUBLIC RELEASE Any information (*classified or unclassified*) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release

☒ Direct ☐ Through (*Specify*)

NASA/JOHNSON SPACE CENTER AP/PUBLIC AFFAIRS OFFICE HOUSTON, TX 77058

CC To the Public Affairs Division, NASA Headquarters, Washington, D.C. 20546 for review.

13. SECURITY GUIDANCE. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (*Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.*)

Performance of this contract will not involve the receipt, generation, and storage of classified information at the contractor's facility; therefore, classified material cannot be sent to the contractor under this contract. Classified ADP processing will be involved. Access to classified information will occur only at the user agency (NASA/JSC). Any employee requiring access to classified information/areas must possess a minimum of a "SECRET" personnel security clearance.

Questions regarding security requirements under this RFP for the proposed contract shall be directed to the NASA/JSC Industrial Security Specialist at (281) 483-4441/4028. JSC security and technical personnel will provide security classification guidance if the need arises.

The place of performance will be at JSC and other locations where the requirement is covered by the obligations specified in Section C of the basic contract document.

"THIS DD FORM 254 IS ISSUED FOR PRE-AWARD PURPOSES ONLY."

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract. (*If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.*)

☒ Yes ☐ No

(a) National Industrial Security Program Operating Manual, DOD 5220.22-M, dated January 1995; (b) Chapter 4 of the NASA Security Procedures & Guidelines (NPG 1620.1A and/or any revisions) applies to "CNSI" and "ACI" (formerly FOUO) information; and (c) JSC Security Handbooks, Manuals, Regulations, Instructions, and Directives (current editions) for JSC, as well as any other applicable policies and procedures as identified by NASA.

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. (*If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.*)

☒ Yes ☐ No

As a long-term visitor to NASA/JSC, the contractor will comply with all applicable NASA/JSC security issuances, memorandums, policies/procedures, and regulations as directed. Inspection authority of contractor activities on NASA installations is the responsibility of NASA security officials and will be conducted/coordinated by the JSC Industrial Security Specialist.

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

Judith Ann Elam

b. TITLE

Industrial Security Specialist

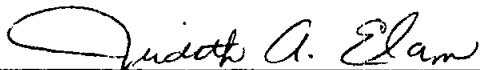
c. TELEPHONE (*Include Area Code*)

(281) 483-4441/4028

d. ADDRESS (*Include Zip Code*)

NASA/Johnson Space Center
JA14/Security Office
Houston, TX 77058

e. SIGNATURE



17. REQUIRED DISTRIBUTION

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | a. CONTRACTOR |
| <input type="checkbox"/> | b. SUBCONTRACTOR |
| <input checked="" type="checkbox"/> | c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR |
| <input type="checkbox"/> | d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION |
| <input checked="" type="checkbox"/> | e. ADMINISTRATIVE CONTRACTING OFFICER |
| <input checked="" type="checkbox"/> | f. OTHERS AS NECESSARY: BJ2/Karen Adams IT4/Hector Rodriguez JLS/J.Haga |